



41223/B

L. LXIII. 14

12

6638-47



Digitized by the Internet Archive
in 2019 with funding from
Wellcome Library

<https://archive.org/details/b30546680>

T H E

47676

History and Memoirs

O F T H E

B A T H :

C O N T A I N I N G

OBSERVATIONS on what CURES
have been there wrought, both by
Bathing and Drinking those Waters.

An Account of King BLADUD, said to be
the First Founder of the *BATHS.*

W I T H

A PHILOSOPHICAL PREFACE, of several
Experiments and Remarks, relating to the
Origin, Quality, and Nature of BATHS in
general, and of *These* in particular.

By ROBERT PEIRCE, M. D.
Near Sixty Years *Physician* in *BATH.*

L O N D O N :

Printed for HENRY HAMMOND Bookseller
in *BATH.* M. DCC. XIII.



30 A 7 5 4

[Faint, illegible handwritten text follows, likely bleed-through from the reverse side of the page.]

THE PREFACE

DI D not the Tyranny of Custom compell it, nor the daily Examples of those that put out any thing in Print, encourage it; yet would the small thing to which this is promised, necessarily require some Reasons to be rendred, for the publication of it.

I can safely say, it was not Ambition to be seen in Print, that put me upon it; I have often blamed others, for their forwardness in that kind, and have observed, that some who would not be advised, but have persisted in the Vanity of putting out their Works (as they call them) have got little or nothing by it, not so much as the applause they aimed at, much less the Gain they proposed to themselves. And as very few have advantaged themselves, so have some as little benefitted others, or so much as satisfied the expectation of their Readers.

I have therefore hitherto, contented my self
(as many greater, and more Learned Men then

The Preface.

I have done) with a fair and cleanly Reputation without Book, and should still have so done, had not the great, and not to be deny'd importunities of Friends (both Patients and Physicians) prest me so long, and so much that I could no longer withstand their Sollicitations.

Besides, it hath been very often propos'd, and desir'd (and by many wondred at, that it was not done, if for no other end, then for the Benefit of the City) that a Catalogue of Eminent Cures should every Year be Printed, which though it hath been by some attempted, yet is the thing hardly Practicable (if possible to be done) for these following Reasons.

First, Very few will be contented (especially in some Cases) to have their Names mentioned (so publickly at least, as is putting them into a Printed Paper) lest it spoyle their Preferment, or make them a common talk. And to put out a Rehearsal of Cures, without naming the Persons on whom they were wrought, (that enquiry might be made of the truth of it) might be looked upon as a Deceit, nor much better then a Quack's Setting up a Bill, at the corner of a Street, and one without a Name might probably call in question the truth of all the rest.

The Preface.

A Second Reason is, where one finds present Advantage, whilst he is here (at least a perfect Recovery, or such as will be sure to hold, which time only can try) there be many that go away little alter'd from what they were when they came hither, and yet afterwards recover by degrees, of which not one in Forty gives an account, nor do we hear of them again, unless it be by chance.

And then thirdly, some are so horridly unworthy, that they industriously conceal (what they can) the Benefit they receive, for fear of being more obliged to gratifie those that have taken care of them, of which great ingratitude many instances might be given, were it to any purpose.

Fourthly, (and what is indeed of as much Concern as all the Rest) They that need much, and long Bathing, especially if they come in the hottest Season of the Year, (which is not always their own, but sometimes their Physicians fault, that will not part with them whilst they can take Physick, or give Fees,) are so enfeebled with long and much Bathing and Sweating, that till they have Recovered that Fatigue, they cannot be sensible, what Benefit they have received, which some do sooner, and some later, but scarce return back any account how they speed.

And

The Preface.

And here may justly be reprehended those that, either upon their own Heads, or by the advice of the Bath-Guides, or out of lucre to have as much for their Money as they can, (though to their hurt) stay too long at a time, or go in twice a day, or more frequently than will well consist with their Strength, or present Circumstances. If a Physician advise against it, he shall be censured, as if he did it for his own end, to keep them longer in Town.

By these means, some have gone away, to all Appearance, as Bad or Worse, then they came, and yet (after resting at home a while) attain by Degrees, the end they came for.

Fifth, There is another impatient sort of People, that if they are not presently well, after so many times Bathing or Drinking (the number of which they propose to themselves, or others for them) enter presently upon some new Course, or take some trivial Medicine, which comes under the specious Character of an approved Receipt, though perhaps may signifie no more then Chips in Pottage, and then impute the Advantage they receive, to what they took last, though the Bath or Waters had wrought it before, and they would not allow time to expect the Success. Which thing hath made me very often give this Advice, not to enter upon the use of any other
Re-

The Preface.

Remedy (unless great Necessity compel) till after a Month or six Weeks time.

I do the rather mention this, because I find a Physician of great Name in his time, blaming the Bath (in some of his Observations) without Cause, and indeed, not without just Suspicion of some Self-endedness; I am sure, without allowing sufficient time to try, whether the Bath were Blameable or no, or did not rather deserve the Reputation of that Recovery, which was afterwards (too partially perhaps) ascribed to his own Method.

These are some of the Reasons, why a Catalogue hitherto, hath not been made publick. Now if (instead of that) there be a Manual fitted to every ones Price and Pocket (which is one, and a chief design of this Undertaking) that shall give some instances upon every considerable Head, what Cures have been here done for more then Forty years past, and the Persons named (where it is convenient so to do) that either from themselves (if living till this time) or their surviving Friends and Relations, (if since Dead) the truth of what is here related) may be enquired into; I think it may at once, attain all those ends, that a yearly Catalogue, could any way pretend unto.

And

The Preface.

And in doing this, I shall only relate Matter of Fact, not meddling much with Theories, or setting up new Hypotheses. He that does that, does (as it were) set up a Shrove Tuesday Cock, for every one to throw at, without so much as paying Two Pence for Three Throws.

The Age we live in, is a Learned and rathe Ripe Age, and many think they know more, and sooner then those that lived before them, and indeed they are, and do so, if they are not mistaken. I am sure if they do, they have had more Advantages for it, then many of their Predecessors. Therefore I solemnly declare, that I mainly design this, not to instruct Physicians, but to direct Patients, where and how to seek for Remedy, by the Examples of those that have here found it, in the same or like Cases with theirs. And I shall not (in the least) Forestal, or prejaunce the diligent endeavours of well designed Men of our Faculty, having not given the Copy of any one Prescription, used in any Case, in this my long Practice here, but have only hinted (in the general) what course I usually took in the several Diseases therein mentioned, and what the success was, whether Good or Bad, and have declared one, as well as the other; that as one may supply the place of a Land-Mark, the other may do the Office of a Buoy.

The Preface.

I do also solemnly averr, that I will not (as others have done) set down any Recovery, barely upon Report, or what hath been done by others, but only such as I my Self have been alone concerned in; or joyned with another Physician, or Physicians, or by and with the Communicated Advice of Him or Them, that Recommended the Patient to my Care, whose Names also I have in some, if not most Instances inserted.

Now though I have declared against Theories and Hypothesis, yet I may (I think) without Breach of that Promise, say something in Answer to a Question that hath been some Hundred of times asked me, since I came to live upon this Place, viz. What is the Reason of the Heat of the Bath-Waters? I never did give a positive Answer to it, that it was thus or thus, and no otherwise, nor shall I now, but as I usually returned to those Querists, so shall I now declare, what best satisfied me about it. Most I know, ascribe the warmth to subterranean Fires, others to the Fermenting Heat of imperfect Minerals, and a late Author to an Acid Spring running upon the Alkali of Free-stone Sand and Snail Shells. Let every one abound in his own Sense, much may be said against either Supposition, if one had either Will or Leisure to
under-

The Preface.

undertake the Controversie, or were it likely to be to any purpose Considerable.

Vid. Mr. Jones Baths Syd. pag. The Fermenting Heat, I should like best, were it likely that Minerals were so long improving. We have an Account of above Two Thousand Years, near Three Thousand, that this City hath been Built, and the Baths were discovered some time before; no doubt, for the City was probably Built for their Sakes only, and doubtless, the Springs were long before they were discovered; and if Minerals will not be within that time perfected, and consequently that Fermenting Warmth cease, the World must be much Older, then it is generally held to be.

Were the Story well vouched, that Dr. French relates in his Art of Destillation, (with me, the Second Edition, Printed at London, 1653. in 4to. Page, 155) it is of Monsieur de Rochas's Demonstrative Experiment, as he calls it, which can no where else be made, but in an uninhabited Place, such as was that (on the Alpes) where this Monsieur found his Hot Spring.

Were the Truth of this well asserted, I should easily give up my assent, that ours might come from the same, or a like Cause. The Book is not in every Bodys Hand, and therefore it may not be unacceptable to some Readers to

tran-

The Preface.

*transcribe the Story out of Dr. French's Book,
his Words are these.*

As I was with some of my Companions, *Monfr.*
wandering in *Savoy*, I found in the Valley *de Rochas*
of *Luzerne*, betwixt the *Alpes*, a hot Spring,
I began to consider the cause of this Heat,
and whereas the vulgar opinion is, that
the heat of Fountains, is from Mountains
fired within, I saw Reason to think the
contrary, because I saw Snow unmelted
upon a Mountain, from whence this Hot
Spring came, which could not possibly
but have been dissolved, by the hot Fumes
of the Mountain, had it been fired within.
Whereupon being unsatisfied, I with my
Companions, and other Labourers (whom
I could very hardly perswade to undertake
such a Business, by reason they were a-
fraid, that Fire would thereupon break
forth out of the Ground and consume us)
got Tools, and set upon digging, to find
out the true cause of the heat of this Foun-
tain.

After we had digged Fifteen Days,
(having perceived before, the Water to be
hotter and hotter by Degrees, as we came
nearer to the source) we came to the Ori-
ginal of the Heat, where was a great E-
bullition. In three hours more, we dig-
ged beyond this place of Ebullition, and

The Preface.

perceived the Water to be cold, yet in the same continued stream with the other that was hot. Upon this, I began to wonder much at the reason of these things. Then I carryed to my Lodging some of this hot Water, (which was both Saltish and Acid) and evaporated it, and of Forty Ounces, I had in the bottom five Drachms of Saltish Matter, which I then farther purefy'd, and extracted thence three Drachms of pure Nitrous, Hermetick Salt, the other two Drachms, being a stymy Sulphurous Substance. Yet with this I was not satisfied, but with my Labourers, went again to the Place, and digged twelve Days more, and then we came to a Water which was insipid, as ordinary Fountain Water, yet still in a continued Stream, with the Saltish Hot Water.

At this I wondred much, whereupon I digging up some of the Earth, where the cold and Saltish Stream runned, and carryed it home with me, and out of a Hundred weight thereof, I extracted a good quantity of Nitrous Salt, which was almost Fluxile. When I had extracted as much as I could, I lay'd the Earth aside, and in twenty four Hours, it was all covered over with Salt, which I extracted, and out of a hundred weight of this Earth (which

The Preface.

I call *Virgin-Earth*) I had four Pound of this kind of Salt, which it contracted in the aforesaid Twenty Four Hours, and so it would do constantly.

Now this satisfied me concerning one Doubt (for before I was unsatisfied) how there could be a constant supply of that Salt, which made the Water Saltish, seeing there was but a little distance betwixt the insipid Water, and the Hot Water, and the constant stream of Water washed away the Salt that was in that little space. For I perceived that this kind of Earth, attracts this Universal Salt of the World, partly from the Fire, in the Cavities of the Earth, and partly from the Vapours, that pass constantly through the Earth.

After this, I took some of that Earth, where the Ebullition was, and carryed it home, and proved it, and I perceived it to be a Sulphur Mine, into which the former Acid Saltish Water penetrating, caused an Ebullition (as do Salt of Tartar, and Spirit of Vitriol mixed together, and also Water poured on unslackt Lyme.) After this, I began to question how it was, that this Sulphur-Mine was not consumed, seeing so much Water passeth from it daily, but I began to understand how all things in the Earth did assimilate to themselves,

wha

The Preface.

whatsoever was of any kind of Affinity to them (as Mines convert the Tools of Miners into their own Substance, in a little time, and such like Experiments of that Nature) I was satisfied. And after all this, I understood how this *Universal Salt of the World* was to be had, and I could at any time mix it with Water, and pour that Water upon Sulphur, and so make an Artificial *Hot Bath*, as good as any Natural Bath whatsoever. Since this, reading Monsieur Blondel of the Baths at Aix-la-Chapelle, I find that Henricus Rochas Medicus, had written a *Treatise de Aquis Mineralibus*, whence (I suppose) Dr. French had this Story; Dr. Rochas's Book I never saw, if I had, I should rather have quoted him than Dr. French.

It seems Monsieur Rochas, was a Virtuoso, and Chymically enclined, and if the Relation be to be depended upon, it seems less lyable to difficulties, than the other Hypothesis.

Something like this, probably it must be to continue warmth to the Waters of the Bath so long, without interruption, or considerable Alteration. And why not then.

Two Channels in the Bowels of the Earth differently impregnated with the Streams, Vapors or Substances (it matters not much which) of different Salts, or Mineral Juices,

contd

The Preface.

continuing a while their single course, and at length meeting together in a common Channel, as we see the Veins in a Man's Body do, in the return of the Blood to the Heart, for as it is in the Microcosme, so may it be in the Macrocosme also; and probably it is under Ground, as we see it to be above Ground, two little Rivulets meeting, make a bigger, which thing hath denominated several Villages, as Meetford near us, and Twyford near Reading. These Channels thus meeting, and being (as before supposed) differently impregnated, fall fermenting together, and acting one upon another, produce this actual Heat, and so deliver the Waters up warm at the Spring-Head.

That several Liquors are known (and more perhaps upon Trayal may be found) that being cold whilst asunder, become hot when mixed together some of our shop Preparations do testify (as in making Tartar Vitriolate, and Butter of Antimony, &c.) And if I remember well, Mr. Boyl, in one of his Philosophick Treatises, makes mention of Two Limpid Liquors of his own Preparation, with which he used to divert himself, and those that came to visit him, which being apart in several Glasses, seemed (to a tender Finger) rather colder than ordinary Water, but being put together in one Glass, became presently so hot, as to heat the Glass so considerably, as to affright one of

Vid. M. Blondels Thermicæ Aquæ Gra.

the

The Preface.

timorous Sex so, as to hazard the breaking of it.

Now it may easily be Granted, that Art being but the Ape of Nature, there is nothing in the former, but what was first in the latter, and that the great Chymistry, governed by the greatest Artist in the vast Laboratory of the Earth, comes not short of our small Processes here, even amongst the most Adepti.

That which confirmed me in the Opinion, that the actual Heat of these Waters, is from this, or some like Cause (for I have already sufficiently declared against Dogmatizing) was an Experiment I made, when William Lord Viscount Stafford, (of whom you will find mention made under the Title of Lum-bago, or Duplex Sciatica, Lib. I. Obs. 4th.) continued most part of the Winter at the Bath, and lived in my House, and Bathed three or four times a Week in the King's-Bath (when the Weather was calm) from the beginning of November forward.

He was in the Bath on Christmas-Eve, and took no Cold all that time. He had indeed, the Conveniency of a Gallery in my House, (which was the Reason that his Lordship chose these Lodgings) through which he went into the King's-Bath, under Covert, without exposing himself to the open Air, till he came into the Bath, when Stormy and Windy

The Preface.

Windy Weather was (for Winds are always more a hinderance to Bathing, then Rain, nay, then Frost it self.) I got His Lordship a Bathing Tub, which helo' about Two or Three Hogs-heads, and placed it in the Pump-House. This Tub was pumped full about Five in the Morning, and between Seven and Eight, his Lordship came as at other times, to Bathe in it, but finding it [by trying with his Hand, as his Custom was] too hot, he commanded the Guides that were there, to lave it for Half an Hour, with Hand-Pails, as People cool their Pottage with Spoons) when it was cool enough, he entred the Tub, and stay'd his Hour, or Hour and Quarter, as at other times.

At my Lord's going off, I commanded the Serjant of the Bath, to lock up the Doors, and not to let run the Water, till I came at Night, which I did after Nine of the Clock, and found the Water warm, though there was (if I remember well) a Frost that Day, and a large Window open upon the Tub.

Now the Experiment is easily tryed, whether Water boyled to the greatest height that may be, will keep its Warmth so long, as Seventeen Hours, or more, if it will not, it may be concluded, that this proceeds

The Preface.

ceeds not from any extraneous Heat (as that of Under-Ground Fires) but from some Mineral Particles, rather within it self, which till they are wholly evaporated, continue the Water more or less Warm. And these Mineral Particles, probably, stick closer to the little Globules, that make up the Consistence of Fluids, then those, communicated by Fire, can possibly do.

And now although I have already (more then once) declared against insisting on Theories, and new Hypothesis, yet I do again assure you, that I assert not this farther, then to tell you what best satisfied me in this Enquiry, and what I usually answered others, that proposed the Question to me, recommending only the Farther Consideration of it, to more ingenious, and more industrious enquirers, and proceed to what I mainly proposed, which is to lay down plainly what I have observed of the Waters themselves, and the effects they have produced, both in the outward, and inward use of them, in those Diseases, the particulars of which you will afterwards find mentioned in the following Observations; which I shall soon proceed unto, when I have given you some short account of the Occasion of my coming to live in this Place, which thing I should easily have been convinced to be needless, had

The Preface.

not I my Self been one (and that perhaps not the most inconsiderable) instance of the Recoveries obtained by the use of these Waters, it being for my own Healths Sake, that I first came hither.

For as my own Sickliness and Tender Constitution, was one of the main Motives, that prevailed with me to bend my Study towards Physick, (for I suppose it might otherwise be intended by my Father, when he first sent me to the University, he being himself a Clergy-Man, and Batchelor in Divinity, but Dyed in the 49th. Year of his Age, before I took my first Degree in the Arts) so my great Illness at that time, was the chief Reason that brought me to live at Bath.

It may be needful to let you know that after a weakly Child-hood, I had at Ten Years of Age, a Dropsie, an Ascites, and Anasarcha, together, of which I was (with difficulty) recovered, by the Advice of Dr. Ralph Baily of this City, a New-College-Man, whose then Wife, was a Relation of my Mothers (a Hungerford.) At twelve Years old, I had the Small-Pox, which did not (as it was hoped it would) much mend my Sickly Constitution. At Fourteen (being then at School, at the College near Winchester) I had a Severe

The Preface.

Tertian Ague, which held me Six or Seven Weeks. Many accidental Illnesses, between whiles I had, and seldom or never free from a Head-ach, which sometimes would be so violent, as to enforce me to give of all Business for a time.

Besides, I had very frequent Defluctions of Rheumes, to my Teeth and Jaws, to the Pallate of my Mouth, and Glandules of my Throat, even to the hazard, sometimes of a Suffocation.

At One and Twenty, breeding the Measles, I bled so excessively at the Nose, for two days together, or longer, that some despair'd of my Life, my Blood was so exceeding thin and sharp, as well as in a great Ferment, upon Breeding that Disease.

At this Rate I rubbed on, till Thirty, when living Westward, near the Moors and Marshy Country, I was seized with an Epidemick Feaver (a Disease usual in those Parts, about the end of Summer) which upon my ventring too soon abroad (to visit a good Friend, as well as a beneficial Patient) determined in a Quartan Ague (a common Distemper in that Country, and lasting seldom less then Six Months, sometime Twelve or Eighteen; nay

The Preface.

I have known some in those Parts, to have kept it Two or Three Years, and one that had it Seven Years.) It is a scandalous thing in that Countrey, for a Physician to be Sick, much more a Reproach is it, to the whole Faculty, for him to die. The Scandal I could not avoid, the Reproach I kept free from, for I was recovered of it in Three Months, without Jesuit's-Powder (scarce known at least in those parts then) or any other fam'd Febrifuge, only with a plain Alterative and Aperitive Course (sedulously follow'd, and for five or six Weeks continued) in which a Preparation of Steel and Aaron Rootes prepared, had a considerable share.

In the midst of this Course, Nature offering a Discharge, by Swelling the Hemoroid Veins, I caused Leeches to be applyed, and Bleed plentifully, from which time I apparently got Ground of my Adversary, every day. This Quartane (though so soon removed) and the Preceeding Feaver, together with the ill steams of that Marshy Country, left many Scorbutical Symptomes upon me; for which resolving not to trust a crazy Carcass, to that rotten Country, another Autumn I removed hither, not only because it was near my Native Air, (which some advised, every one yielding me to be in hazard of a Consumption, even
Physic

The Preface.

Physicians as well as Friends) but also for the assistance of the Baths, and Bath Waters.

And being now for my Healths Sake settled here, I could not reasonably propose to my Self any Advantage of Practice, where there were three well reputed Physicians, constantly residing, besides several interlopers, both from Oxford and from London, and other parts of the Nation, some with, others to look for Patients, (as still there are, and will be, for where the Carcass is, there will the Eagles be gathered together.) But it was not Profit that I mainly came for, but Health, which (I desire Solemnly to Bless God for it) I found to increase daily, and therefore determined here to continue, though I had Advice, Encouragement, and Perswasions (particularly from my Friend and Country-Man, and Fellow-Collegiate, at Lincoln-College in Oxford, Dr. Christopher Bennet) to remove to London, as the likeliest place for a Beneficial Practice, but doubting whether a close City [having tryed Bristol, before I went Westward, and finding that not so agreeable) would well consist with my Constitution, which always best suited with an open Air, I set up my Staff here.

And contenting my Self with that little Business, that fell to my small Share, and de-
meaning

The Preface.

meaning my Self to my Seniors, with that Difference and Respect, that did (I thought) become me, (very different to what some since have shewn to me) I was often desired by them to go in their stead, to Patients in the Country, when they were hindred by a full Bath Practice here, by which means, in process of time, I had the Riding Practice for Ten or Twenty, sometimes Thirty Miles about, which I submitted to the Trouble of (which is not little, considering the very ill ways we have in these Parts) till those Elder Physicians dropping off (and some younger Ones too) a considerable share of the Bath Practice devolved upon me, and here I have continued a constant Inhabitant ever since, from the Year, 1653, to this new begun Year of 97, and to the Age of 75, without Gout, Stone, Asthma, Dropsie, or any other great Disease, incident to Old Age, and not without some Considerable Success, as to the Health and Recovery of others, as well as my Self, and a far greater Advantage, then I could reasonably have hoped for. All which I desire Solemnly and Publickly, to ascribe to the Mercy and Goodness of the Great God only.

The Preface.

Now before I conclude this Prefatory Discourse, (though I am very sensible that it is already of the longest) I thought it requisite to let you know also, that at my first coming hither (as ill as I was I was not altogether idle, but having little or no Practice, I had more Leisure to Read and Think, then I had in many Months I may say some Years) before. And determining to fix here, [at least for a time] I applyed my Self to those Books that treated of Baths and Mineral Waters, and was not backward in making [at least] ordinary Experiments upon these; such as Evaporation, mixing various Things with them, &c. I must Confess, I was not so curious, as some have since been, to have much purpose, let the World judge, to spend Time about it, nor so wise as to enquire how many Hogsheads, Gallons, Quarts and Pints each Bath held. There being no impost upon the Water, I thought it needless to employ an Excise Man to Gauge the Ponds. It sufficed me, that there was enough to cover a decay'd Limb, or a Leprous Back, and that there was Water to be had immediately from the Spring, without mixing with that, which People Bathed in, to Drink.

The Preface.

And indeed I was (even then) of the Opinion, that the useful knowledge of a Mineral Water, is sooner and better had a Posteriori, than a Priori, that Experience and long Observation, is the best and surest way of acquiring that Knowledge. In which Opinion, I have been since much confirmed (and have applauded my Self for thinking so formerly) when I found so great a Man as Mr. Boyle (then whom no Man in this last Age, nor in some past ones, hath been more industrious, and no less Successful, in trying Experiments, and laying Foundations for new Theories) to be of the same, and that in a Book, which he designed as a Direction to a Physician, to enquire effectually into the constituent parts of Mineral Waters, and to declare himself there of the same judgment, it is in his Memoirs, for the *Natural Experimental History of Mineral Waters*, addressed by way of Letter, to a Friend, its in 8vo. Lond. 1685. in the Second Paragraph of the first Section, and the Third Page, in which Book he hath these Words,

But here I must ingeniously own to you, that notwithstanding the many ways I propose of discovering the Natures, or Qualities of Mineral Waters, yet I think the surest way of knowing them, is a long
6 and

The Preface.

and sufficient Experience, of their good and bad Effects. For I strangely suspect (and it may be partly known) that there are beneath the Surface of the Earth, divers Mineral Substances, some Fixed, and some Volatile, some in the Form of hard Bodies, some of soft ones, some of Liquors and some of Fumes, divers of which, the Generality (even of Learned Men) are altogether Strangers to, besides those that (though Men may chance to have some) have their Nature so little known, that they have not so much as Names assigned them. So that when I consider that of the ingredients we are acquainted with (to pass by all the rest, that the Earth may conceal the proportions wherein they are mingled, may be numberless, and the Qualities resulting from the commixture, may be very differing from those of the separate ingredients; I am apt to look upon the difficulty of Securely determining the effects of Mineral Waters, *a Priori*, as little, if at all less than insuperable to human Understandings.

This was that great Mans Opinion of this Thing, and if a Person of his unparalleled Parts, and indefatigable Industry and Ability, to be at the Charge of Experiments, looked upon

The Preface.

upon these nicer Enquiries so difficult and uncertain, how easily may I be excused, if I (as indeed I did) mainly gave my Self to the diligent Observation of the effects of these Waters, some of which you will find faithfully communicated, under several Heads of Diseases, in the following Papers, to which many more Particulars might have been added, had it not been for fear of Swelling the Volume too large a Bulk, it being intended only as a Pocket Companion, for those that need (or would make Tryal of) the Bath and Bath-Waters.

If this be received well, and an Enlargement be thought useful, (if it please God to continue me Life and Health) I shall not be- think my Pains in doing that also. But in this (as it is) you will find of those many Instances, that may be given of great Recoveries obtained here, by the use of these Waters, under my Directions, even when great Means and long Methods of Physick have failed.

If any in the same or like Cases, are encouraged by this to come hither, and take the same course which others have done, and find the same Advantage by it, I shall think it a sufficient Compensation, for all the Trouble and

The Preface.

Pains have been at, in looking up my old
scatter'd Papers, of many Years standing.

Such as it is, accept it, as it is meant and designed, an Advantage to those that need it, and a Direction to the Sick and Lame. If any one read it out of Curiosity, and think the Descriptions of the Distempers I give instances of, be not accurate enough; let it be remembered, that I have already said, that this is done for the information of Patients, and not Physicians, and for the Satisfaction of the Necessities of the former, and not the Niceties of the latter. And I have (for that Reason) chosen such Terms as are most vulgarly known, and commonly used, and where I have been necessitated to use a Term of Art, or a less known Expression (which is not often) I have endeavoured to explain it so, as every ordinary Apprehension, may know what is meant by it.

Some perhaps, into whose Hands this may come, may wonder that it was not written in a Language, more becoming the Education I have pretended to. Though I have outlived my English Teeth, yet I have not (as old as I am) quite forgot my Latine Tongue, and had I designed it for Forreigners, or Scholars only, it might have spoken that Language. But this was, and is intended, for the Information
of

The Preface.

of those that know no other then what their Mothers taught them. And for the Advantage of that fair Sex, that usually are skill'd in but one Tongue, and whose greatest Honour, it is, to use that well.

If this plain English may be of Advantage to either, or both, (but especially to the latter) I shall not repent me, though others Censure it, of the Trouble in Writing, nor will they, I hope, of theirs in Reading it, at least I shall satisfy my Self in the Presumption, that both will kindly accept the candid Intentions of

Their very Faithful

Servant,

Rob. Pierce.

THE

The Contents.

That the Reader may the more easily
turn to any Chapter or Disease. I
have added this short Direction to
both.

B O O K I. Of Bathing.

Chapter I. Of Wandring Pains.	Page 1
Chap. II. Fix'd Pains Sciatica.	p. 16
Chap. III. ——— in the Arm.	p. 41
Chap. IV. Numbness and Palsie.	p. 58
Chap. V. After the Collick.	p. 83
Chap. VI. Scorbutical Palsie.	p. 101
Vertibræ started.	p. 122
Chorea St. Viti.	p. 133
Quarterly Palsie.	p. 136
Chap. VII. Lameness from Accidents.	p. 148
After Mortifications.	p. 139
Strains.	p. 145
White Swellings.	p. 152
Poyson.	p. 154
Mercurial Oyniments.	p. 157
Wounds and Ulcers.	p. 159
Bruises and Falls.	p. 162
The Gout.	p. 166
Chap. VIII. Cutaneous Diseases.	p. 171
King Blandud's Story.	p. 172
Chap. IX. Womens Diseases.	p. 187
Green Sicknes.	p. 188
Barrenness.	p. 195
Conception removed.	p. 198
Miscarrying.	p. 201
Women with Child may Bathe.	p. 201
	Ulc.

The Contents.

<i>Uterine Fluors.</i>	p. 214
Chap. X. <i>Childrens Diseases.</i>	p. 222
Chap. XI. <i>The use of the Pump.</i>	p. 237
<i>Bath-Mudd.</i>	p. 248

B O O K II. *Of Drinking.*

Chap. I. <i>Of Water-Drinking in general.</i>	ibid
Chap. II. <i>Observations in Pectoral Cases,</i>	[p. 263
Chap. III. <i>Palpitation of the Heart.</i>	p. 237
Chap. IV. <i>The Dropsie.</i>	p. 296
Chap. V. <i>The Diabetes.</i>	p. 310
Chap. VI. <i>Cachexies.</i>	p. 322
Chap. VII. <i>Diseases of the Stomach.</i>	p. 342
Chap. VIII. <i>Of the Urinary Passages.</i>	p. 363
1. <i>Sharpness of Urine.</i>	p. 364
2. <i>Stone and Gravel.</i>	p. 367
3. <i>Bloody Water.</i>	p. 374
4. <i>Ulcers, &c.</i>	p. 376
5. <i>Old Gonorrhæas.</i>	p. 380

Bath

Bath Memoirs.

B O O K I.

C H A P. I.

Of *Wand'ring Pains*.

ONE of the *Anglo-Saxon* Names, by which this antient City was formerly call'd, was *ACKMAN-CHESTER*, or the City of *Ached* and *Lame* People, from the Concourse of such *Infirm Persons*, that came hither in *Bathing Seasons*. Were it to have a new Name given it now, upon the same consideration, it might be call'd *CRIPPLE-TOWN*; as *Cripple-Gate* was from the *Cripples* that used to lie there begging.

As there hath been every Year since, so that year, especially; that I came first hither,
B many,

many, if not most, of those that came to use the Bath, were for *Aches and Pains* in several parts; and that which I was first, and most concern'd in, was the *Arthritis vaga Scorbatica*, which Gregory Horstius says the *West-Phalians* and *Friseans* call *DIE VAREN*, and *LOPEN DIE VAREN*, which my good Friend, Dr. John Northly, of Exeter, (who hath lived in those Parts, and understands the *German Tongue*) tells me that in their *Idiom* signifies the *GRIEF*, the *LEAPING GRIEF*: In the *West Country* they call it the *Wind-Gout*, and in some Places the *Foynt Ague*.

One of those *Scorbutical Symptoms*, which my *Quartan* left upon me, (as I mention'd in the *Preface*) was this *Wand'ring Pain*; together with a *Spontaneous Lassitude*, and a *Cachectick Habit* of Body, and sometimes a *Swelling*, and a dull *Pain*, with some *Spots* on my *Legs*. Of this sort of *Infirm Persons*, (and indeed those that had these *Symptoms*, in far greater degree than I had them) many then came to the Bath, and some were under my Care; I therefore begin with *Aches and Pains* in the *Limbs*, and first of those that are *Wand'ring*, *Transient*, and *Uncertain*, afterwards of those that were settled, and fixed in any one part.

OBSERVATION I.

Amongst those, I may very well begin with my self, (the first *Patient* that ever I had.) It goes ill with a *Physitian* when he must exercise his *Patience*, in bearing his own Illness, instead of imploying his Care and Skill about *Patients*, to endeavour to recover theirs.

But this was my Case then; I had sometimes a Pain in my *Right Hip, Thigh, Knee* and *Ankle*, which would soon move to my *Left Shoulder* and *Arm*; in both so acute, as to render them for the time almost useless; I had a dull, heavy, and well-nigh constant Pain in my *Legs*, with a little *Swelling*, and small *Spots*, &c.

After due Preparation, by *Purging* and *Bleeding*, and for a time, renewing the *Opening Course* I mention'd in the *Preface*, I *Bathed* for this, at *Spring* and *Fall*, seldom oftner than three times a Week, and not at all in the *Summer*, not being able to bear the *Heat* of both (the *Bath* and *Season* too) without excessive *Faintness*: I used a Decoction of *Sarsa* and *China*, *Lignum*, *Lentiscium*, with *Cephalicks*, *Neureoticks*, and *Antiscorbuticks*, and a *Sacculus* for a *Diet-Drink*, of the same Ingredients. The

Waters I used at first, no more than would quench, or prevent a Thirst, in, and after *Bathing*, nor so often, nor so much as others do, they seldom passing with me without the help of *Pills*; and when they did not pass well, they left *Superfluous Moistures*, which increased in me *Rheums* and *Catarrhs*, to which I was always subject from my Infancy: Yet in the Intervals of *Bathing* then; and *Spring* and *Fall* since, (before Business comes in, to interrupt my Attendance on them) I yet drink them for some time, and *bathe* also for prevention.

So that to God's Blessing on both, and an orderly Course in Diet, and Medicines, and the good Air upon the Neighbouring Hills, must I impute the Recovery which I had; and that was not inconsiderable; for within a year or two after my first settling here, I was engaged in a Riding Practice almost all the Country about, which I bore (tho' oftentimes wet and weary) beyond Expectation. The Air and Exercise in Riding contributing, I think, greatly to the Confirmation of that measure of Health, which the *Bath* and *Waters* had restored me to; so that I had little or nothing left of the *Symptoms* above mentioned, unless sometimes upon Accidents, in taking *Cold*. And now whilst I write this, (which is in my

74th.

74th. Year) I blefs God I have neither constant Cough, Asthma, Gout, Stone or Dropsie, nor any Remainder of the Scurvy, but want of Teeth.

But, at this time of day, it is not to be expected, it should long continue so with me; Young Folks may die, but old Folks must die. May I provide for the worst, the best will help it self; the Will of God be done, by, and on, me, and mine.

OBSERV. II.

Mrs. Score, aged 42 (from Linton, near Porlocke, upon the edge of Devonshire) came to the Bath in May, 1654. She complain'd of Wand'ring Pains all over her, from Head to Foot, occasion'd (as I judged) by Indigestion in her Stomach, and long continued Obstructions; she was withal Hysterick, and Scorbatical: After previous Purgings she enter'd upon Bathing, and drank of the Water in the Bath; at other times she took of a Bocker of Sarsa, Lignum-Lantiscinum, Saffaphras, the Opening Roots, Hysterick and Neureotick, Herbs, Seeds and Flowers, &c. gently purging once a Week. She continued this Course a Month or five Weeks, when (being considerably freed from the Pains she complain'd of) she return'd home,

with Directions for a peculiar *Diét*, and *Physick*, amongst which was a *Sacculus* (to be hung in a Barrel of Beer) consisting of *Aperitives*, *Antiscorbuticks*, and *Hystericks*; by which means she past the following *Winter* much more at ease than formerly (for she had been for some Years before subject to this Illness.) She came hither again the next *Summer*, and (if I remember well) some Years following, to continue, and preserve the Ease, Health and Strength which she got the first year, till at length, being confirmed in a perfect Recovery, she gave over her coming any more to the *Bath*.

OBSERV. III.

William Hedges, a Farmer, of *Hinton St. George*, in the County of *Somerset*, about 50 Years of age, being greatly afflicted with these vagrant Pains, and also highly *Scorbutical* (insomuch that his Disease might very well deserve that barbarous name of *Gingipedium*) his *Gums* being flaccid, his *Teeth* loose, and ready to drop out, his *Breath* fetid, and his *Legs* and *Feet* not only pain'd and swell'd, but the *Joints* relaxed, loose, and useless withal; upon them many black, yellow, and blue Spots, very large,
from

from *Knees* to *Toes*. This helpless Man, after some Months (if not Years) tryal of other means in the Country, was at length brought to the *Bath*, in *June*, 54. And presently (as is the custom of those that look upon the *Baths* as a Pool of *Bethesda*, that cures by Miracle, (as many of higher quality, and more ingenious Education than this honest Countryman was, have done, and yet frequently do) was put into the *Bath*, without Advice, or Preparation: Upon which, finding some of his *Symptoms* to increase, rather than (what he expected) to abate; I was at length call'd in, and supply'd (what had been before omitted) by duly preparing him, and prescribing *Antiscorbutick Alteratives*, with an orderly course of *bathing*, by which, in a Fortnight or three Weeks time, having obtain'd Ease, and some Strength, his Patience would hold out no longer, (tho' the fault was laid upon the *Purse*) but home he would go, and did, with Directions for *Antiscorbutick Juices*, to be put in all the Beer he drank, and *Gargarisms* for his *Gums* and *Teeth*. And tho' this Man did very well, and (for ought I ever heard) continued so, yet may it be here observed (and let it be once for all) what I have many Instances of; That the Impatience and Par-

cimony of sick Persons, have hindered as many great and good Cures as the *Bath*, and best Methods of Physick have ever perform'd; so that the *French* may be very well excused that say of the *English*, that they are guilty of two great Errors in reference to their Health; *They do not own themselves sick soon enough; and they think themselves well too soon.*

OBSERV. IV.

Mrs. *Fane Chase*, (of *Yartee*, beyond *Charde*, upon the Borders of *Devon* and *Dorsetshire*, but in the County of *Somerſet*) a Maiden Gentlewoman, of an ancient Family of that name, aged about 24 or 25 Years, was ſeized about *Michaelmas*, 1655. with ſharp Pains in her Joints only, which ran from place to place, by quick and ſudden Removes; ſometimes Inflaming, ſometimes Swelling, always ſeverely paining the part it moved into; this Illneſs held great part of the *Winter*, and ſo much enfeebled her Limbs that ſhe was not able to go, or ſtand upright; for which Lameneſs of hers ſhe was brought to the *Bath* the *Spring* following, to wit, *April* 56. She had (beſides theſe Infirmities in her Limbs) ſeveral other *Scorbntical Symptoms*, ſuch as

a *Spontaneous Lassitude*, want of *Appetite* and *Digestion*, *Palpitation of the Heart*, and sometimes the Returns of those *Arthritick Pains*, but not altogether so violently, or frequently as at the first Seizure.

After convenient Preparation she was permitted to *bathe*, and in *bathing* we were forced to support her with *Cordials*, her *Spirits* being very low, and her *Strength* exhausted; nor could she bear a temperate *Bath*, at first, more than twice a *Week*, or every other day: But by degrees she grew stronger and stronger, and greatly more at ease; so that in six *Weeks* or two *Months* time she got considerable *Strength* and *Stomach*, and the *Tumours* on her *Joints* began to subside; the *Palpitation of the Heart* remitted, and she was (in all particulars) so well recover'd, that she that came hither in a *Litter*, went home on *Horse-back*, and continued the *Autumn* and *Winter* following free from a *Relapse*; but came again (whether the next, or second *Summer* following, I cannot well remember) to confirm what she had got the first *Season*.

This Gentlewoman at her first coming drank the *Waters* no otherwise than to quench *Thirst* in the *Bath*, and sometimes to keep soluble; her *Case* then requiring
rather

rather Cordials, to which being accustomed, the *Waters* were not so agreeable; at the second coming she drank them more freely.

She continued after this, many Years, very well, and free from this painful Distemper; taking *Spring* and *Fall* such things as I then order'd for her, which were some gentle *Purgatives*, *Antiarthriticks*, *Antiscorbuticks*, and *Cardiaeks*.

OBSERV. V.

Mrs. Greene, of *Stratford*, upon *Avon*, in the County of *Warwick*, aged 40 Years, came to the *Bath* in *July*, 1677. She had in her younger days (when about 19 or 20) a *Wand'ring Scorbutil Gout*; of which (after a great deal of Pain and Trouble) she was recovered, and marry'd, and had four Children; but in *January*, 1677. was again seized with the same Distemper, which at first tortured her between the *Shoulders*, upon the upper *Vertibræ* of the *Back*, and those of the *Neck*; whilst it stuck there, upon rising up (or any ways stirring) she would be very faint, ready to swoon away; after it had thus severely afflicted her there for a time, (and perhaps upon the use of outward Applications) it dispersed
into

into all her Limbs, one after another, and was exceedingly painful where ever it went. This stubborn Distemper yielding to no Remedies in four or five Months time, she at length came hither at the time abovesaid, and was commended to my Direction, in preparing her for, and advising her in, the Use of the *Bath* and *Waters*.

What she mostly then complained of was Weakness, as well as Pain, in *Hipps*, *Knees*, and *Soals* of her *Feet*, which disabled her from standing long together, much less was she able to walk. After one or two Days rest (her Journey having not a little disordered her) I prepared her with a gentle purging Potion; after that put her upon taking of an easie Pill (which I usually gave in those *Arthritick* Cases) over Night, and drinking the *Bath Waters* next Morning, which she continued to do three or four Days, or a Week.

Being thus prepared she was put into the *Cross-Bath*, as the more temperate, it being then a very hot season. Thus she continued *drinking* and *bathing* by turns for five or six Weeks, and return'd home (at ease, and able to walk considerably well) with some familiar Directions how to manage her self, to prevent another Return of this Illness, which I never heard but that she still kept free from.

OBSERV. VI.

Mrs. Martha Greswold, aged 23 Years, (from *Solyhill*, in *Warwickshire*, a comely Gentlewoman, and of excellent Humour) was brought hither in *May*, 1663. so weak as not able to use Hand nor Foot, nor so much as to lift her Hand to her Head, but was carry'd from place to place, and lifted into, and out of, her Bed. Her Head also was concerned in this her general Weakness; she apprehended every thing that was said to her, but remembred little or nothing.

At 13 Years of Age, by lying on the Ground, in, or soon after a *Scarlet-Feaver*, she had first a *Rheumatism*, but not so painful as at this second Seizure; yet then it left a great Stiffness at her Joints. At 17 Years of age she had the *Green-Sickness*, and being obstructed (yet having hot and sharp Blood) frequently bleed at Nose; in other respects continued well till this second Seizure, which happened from home at *Chester*. After taking cold, this *Wand'ring, Arthritick Pain* took first one *Knee*, after a while the other, and so leaped from Joint to Joint till it had gone over all her Limbs. Dr. *Burlace* was her Physitian there at
that

that time, who caused her to be let Blood, Purged, Fomented, Sweated, &c. after which (at eleven Weeks end) he dismiss her, and gave her advice to come to the *Bath*, (which after a whiles stay at home) with no small difficulty, she did, in the Condition above described.

Her Weakness first required *Cordials*, which were ordered for her; afterward I gave her *Antiscorbuticks*, *Chalybeats*, *Cephalsicks*, &c. with necessary Preparatives for drinking the *Waters*, and *batbing*; by which, in little more than a Weeks time she had Ease, and by degrees, got Strength also, though under the fatigues of *batbing* and *pumping*, and sometimes *purgings*; insomuch, that at seven Weeks end she rode home-wards 40 Miles the first day, and that after ten a Clock.

She got home well, and kept free from this Distemper another ten Years; within which time she was marry'd to a Serjeant at Law, (*Serj. Flint*, near *Coventry*) and was quickly with Child, but the Serjeant her Husband dy'd within twelve Months.

She hath since that time had (at some Years distances) very severe Fits of the *Gout*, by which her Fingers and Toes have been distorted, and the *Joints* have contracted Nodes: for which she hath often come
hither

hither to *drink* these *Waters*, and to *bathe* sometimes, by which she always hath *Respite* and *Advantage*: She was here last *Summer*, then aged 53.

OBSERV. VII.

Mrs *Kent*, of the *Devises*, in the County of *Wilts*, Wife to Mr. *Thomas Kent*, the *Town-Clerk*, and one of the *Masters* (as they there term them) of the *Corporation*, aged 49; she came to the *Bath* in *September*, 1655. having long before been greatly afflicted with this *Wand'ring Scorbutical Gout*. After due *Preparation* she *bathed*, the *Pains* being then the most urging *Symptom*: And because she had formerly been troubled with *Heats* in her *Back*, and *Gravel*, and therefore feared the *Stone* in the *Kidneys*: A cooling *Liniment* was ordered for the *Reins*, to be gently rubb'd in before she entred the *Bath*: In *bathing* she drank of a *Bocket* of the *Woods*, *Sarsa*, *China*, *Hermoadactyls*, &c. with *Antiarthriticks*, and *Antiscorbuticks*. The first *Week* or ten *Days* gave her *Ease*; the rest of her *Month*, (for so long she stay'd, and no more) gave her considerable *Strength*, and great *Hopes* of a perfect *Recovery*, which a like *Direction* home for a *Diet-Drink*, and some easie *Alteratives*;

teratives, and a good Diet, consummated, and continued to her dying day, which was many Years after: She drank little of the *Waters*, having some aversion to them.

OBSERV. VIII.

Mrs. *Mary Huntly*, an unmarried Lady, near 30 Years of Age, came to the Bath in May, 1656. in much like Case, with some of the former, chiefly that of Mrs. *Chase*, only in this different (if I well remember) that with the *Wand'ring Arthritick Pains*, she had *Heats* and *Pimples* in her Face; a *Cough*, and *Shortness of Breath*, and was greatly obstructed: All which required a longer time of Preparation, and more drinking of the *Waters*, but at last she was permitted to *Bathe*, which had on her the desired Success.

She endured it better, and bore a longer Stay at a time, and oftner *bathing* than Mrs. *Chase* could do, and therefore spent here somewhat less time; but had altogether as much advantage, or more; and was returned home with like Directions, only by reason of the heat of her *Liver*, I order'd her the more cooling *Antiscorbuticks*,

ticks, Pectorals, and Hepaticks; by which means she kept free from a Relapse, and (for ought I ever heard to the contrary) remained well several Years after.

Many more Instances might be given, but these may suffice.

Of late these kind of Illnesses have gone under the name of *Rheumatisms*; but whatever they are call'd, all remaining *Pains* and *Weaknesses* after (either this, or the *Gout*) have certainly been recovered by moderate and regular *Batbing*, and Relapses have been prevented by *Drinking* these *Waters*.

CHAP. II.

Of Fix'd Pains.

HAVING given some Instances of the cure of *Wand'ring* and *Erratick Pains* in the *Limbs*, I come now to do the same of *Fix'd* and *Settled* ones; the chief of which will easily be allow'd to be the *Sciatica*, (as vulgarly call'd) or *Hip Gout*; the Ach in the *Hip*, for there is the chief Seat of it, tho' by consent of Parts the lower parts of the *Back*, the *Loyns*, (whence call'd, when upon both sides, the *Lumbago*) the *Groin*, the *Thigh*, and outside of the *Leg* and

and *Foot* also have their share of Pain, and are sometimes *convuls'd* withal. And here, by the way (for *Cattle* are subject to this Distemper as well as Men) I think that piece of Beef which the *Butchers* call the *Ach-Bone* (which by some is look'd upon as a choice piece) is thence denominated, part of the *Hip-Bone* being cut into it.

The *Gout* in this part is not only as much, if not more painful than that in the *Hand* or *Foot*, but is usually of longer Continuance, and with more difficulty removed, and hath more severe Accidents attending it. It is not so easily palliated or cured, because affluent sharp Humours, lie deeper upon the Bone ; and thick and large *Muscles* intervene, and therefore no outward Application can so easily reach it as in a less-fleshy part. It is lyable also to more, and more afflicting, Accidents ; for the Matter being long imprison'd there, corrupts more, grows more Acrimonious, and becomes at length corrosive, and degenerates into a *Vitriolick*, if not an *Arsenical Poysonous Sharpness*, which in Process of time, penetrates the *Bone* it self, as well as the *Periostium*, as some of the following Observations will more than sufficiently demonstrate.

Then again, the too much Moisture there relaxeth the Ligament, which should

C

hold

hold in the *Head* of the *Thigh-bone*, into the *Acetabulum* (the hollow of the *Hip*) and then by the weight of the *Limb* it sinks out of its *Socket*; and when it is thus sunk, and the lame *Person* endeavouring to go, and putting stress to it, it's sometimes struck back into the *Buttock*, or into the *Groin*, or to the *Outside*, and the *Leg* is shortned, when thus thrust back. Whilst it relaxeth the *Ligament* only, that *Leg* is longer than the other, but weak; when thrust back amongst the *Muscles*, it is shorter than the other; and when it is come to that pass, the *Hollow* is either fill'd up with a *Callus*, or (in growing *Persons*) it becomes less and less, having nothing to keep it out; and this, while the *Round Top* of the *Thigh Bone* increasing in bigness, renders it impossible to be reduced; tho' some bold (because ignorant) *Bone-setters* have here undertaken it, to the great *Pain* and *Injury*, as well as the *Cost* of the poor crippled *Patient*.

Sometimes the *Vessels* that should convey *Nourishment* to that *Leg* are compressed by the dislocated *Bone*, and then the *Thigh* and *Leg* wither and decay.

In others the conflux of *Matter* causes a *Phlegmon*, or *Abscisse*, which if at length it finds a vent, it becomes a *Fistula*, or *Cavernous*

Cavernous Ulcer, (hardly to be cured, if ever, if it foul the *Bone*) or the Matter makes to it self a *Cystis*.

Instances of most of these Cases I shall give you in the following *Observations*; for (as I promised in the *Preface*) so I shall give an *Account* of what was not, as well as what was, cured by the *Bath*, and *Bath Waters*.

OBSERVATION I.

I shall begin with an eminent Personage, and a great Prince in his Country, Duke *Hamilton*, recommended to my Care by one, or both, of his Countrymen, Sir *Alexander Frayzier*, chief Physician to King *Charles* the Second, and Dr. *Bruce*, (my much honoured Friend.) His Grace came hither in the year 1674. in *July*, very unweell (as he himself term'd it) by reason of a Pain in his *Hip*, which caused him to go very lame, and disturb'd his Rest at Night, and had done so for many Months before.

Having rested some days after his Journey, and due Preparation made, he enter'd the *Bath*, and sometimes drank the *Waters*; in the *Bath*, only to prevent Thirst; when he omitted bathing, in larger quantities,

expecting Operation by them, which was mostly by Urine, but somewhat by Stool also. After a Week or ten Days *bathing*, his Grace was pump'd upon the affected *Hip*, beginning (as I remember) with 200 stroaks and rising 100 at a time, to 7 or 800, or a thousand. This course was held on for a Month or five Weeks; in which time his Grace found considerable Advantage, being much more at ease, and able to walk without much favouring that *Leg*. His Grace had afterwards, upon new *Colds*, or some other Accidents, a minding of this illness again, and was here, I think, twice after, at some Years distances, and was at length perfectly recovered.

OBSERV. II.

Coll. *Mildmay*, of *Essex*, aged about five or six and forty, came hither in *May*, 1667. for the same Distemper, but in much worse Circumstances than was my Lord Duke; for his had been (if I well remember) of longer continuance, and had much more violent Pain; nor could he move, or suffer himself to be mov'd from place to place, without great Complaints: after some days Rest, and due Preparation, by Bleeding and Purgings; he also bathed
first

first in the *Queen's*, and then in the *King's Bath*, and was, in due time, *pumpt* also. In *bathing* he took a *Sarsa-Drink*, and continued thus to do six Weeks, or two Months. After the last *bathing*, to strengthen and comfort the part, there was put on a large Plaister of *Oxycroceum*, and *Sticticum Paracelsi*, &c. and so return'd well recover'd.

OBSERV. III.

Sir *John Clobery*, of *Hampshire*, about 40 Years of Age, had been a *Collonel* in *Scotland* under *General Monk*, and was greatly Instrumental with him, in bringing in *King Charles the Second*, for which he was greatly respected by him, and honourably rewarded.

Having undergone great fatigues in that business of *Scotland*, lying in the Field in the Snow (which lies long and deep in those Northern Parts) and being frequently frozen to the Ground (as he himself related) might probably be disposed to Aches in his *Limbs*; but about the thirty-fourth year of his Age, by lying in a wet Bed, was first seiz'd with a *Sciatica*, and recover'd it again, and held well about three Years; when, in a very hard Winter, the severe cold Weather searching his Body, which

C 3

had

had been before weaken'd by the same Distemper, he was seiz'd by this last, and most tormenting Fit, which held him two Years. It not only affected both *Hips* with violent Pain, but hinder'd the motion of those Joints; insomuch, that he could not erect his Body, nor go, nor stand upright, tho' before a straight and proper Gentleman, as he afterwards was, after his Recovery.

About the latter end of the two Years, which this Distemper held him, and after the tryal of several Means, and Methods for Ease, and for Recovery in *London*, where he then liv'd (in *Hatton Garden*) he, at length, came to the *Bath* 1666. and was committed to my Care by some of the *London* Physicians, I cannot certainly say who, but think it might be Dr. *Micklethwait*.

He was let Blood as well as Purg'd (if I well remember) in Preparation for his *bathing* and *pumping*, which he follow'd close for six or eight Weeks, at the end of which time he went away, not much advantag'd for the present, but after two or three Months was well at ease, upright and streight, as before this Illness. So true is it, that the Benefits of the *Baths* appears not always presently, but some time after they have been used; and therefore needful it is to allow time for the Expectation of it, and not

not to be too hasty in the tryal of other Means, but to give Nature leave to work after such an Assistance. Had this Caution been well observ'd, the *Bath* had had more Reputation, and *Patients* had sav'd a great deal of Expence and Trouble.

Sir *John* continued free from this Distemper to his dying day, which was not many Years ago, of a *Dropsie*, and in the sixty-third Year of his Age. He was so experienc'd a Soldier, that King *James* thought himself not safe without his Assistance in *Monmouth's* Business, and therefore commanded him to raise a Regiment, which he did; yet in all that Fatigue had no Return of his *Sciatica*.

Many of the Particulars of this case I owe to the favour of his own Lady, (yet living) and to my Lady *Noell* his youngest Daughter.

OBSERV. IV.

William, Lord Viscount *Stafford*, (of whom mention is made in the Preface to these Observations) was affected in both *Hips*, and in the *Lumbal Muscles* also; and therefore his Distemper might well be call'd a *Double Sciatica*, or *Lumbago*.

Though Mr. *Guydott*, in both his Books, (the *English* and *Latin* one) calls it a *Palsie*, which he never had, nor any thing like it; nor is this the only Mistake, and Untruth, in those Books: So inconvenient it is to print things upon the relation of Chair-men and Bath-Guides, and to prosecute Malice and Envy rather than Truth.

His Lordship came first hither in *July*, 1668. but stay'd not then past five or six Week, and lodg'd by, (and bathed only in) the *Cross Bath*.

Amongst many other questions his Lordship ask'd me (when he came to my House, and from my Gallery view'd the *King's Bath*) one was, what we did with the Baths at *Winter*? I return'd to his Lordship, That we of the City had then only Leisure to use them our selves. If they may be used in *Winter*, (said my Lord) with the same Efficacy and Safety, as in *Summer*, I will be here in *Winter*, if you will let me have a Lodging near this Gallery, that goes down into the Bath; which I promised his Lordship he should have, but did not then think he spake in earnest. His Lordship received some advantage by what he did then at the *Cross-Bath*, and went hence about the end of *August* into *Glocestershire*, where (in Right of his Lady, who was Daughter and Heiress

Heirefs to the chief of the Family of the great *Stafford*, once Duke of *Buckingham*) he had an Estate; and from thence into *Shropshire*, where he had an Estate of his own.

Returning about the middle of *October* by *Inglesfield*, the Lord Marquefs of *Winchefters*, (who marry'd his Lordship's eldest Daughter) and there finding (upon the Approach of *Winter*) his Pains renewing, came directly hither, without going to *London*, and arriv'd here the 4th. of *November*; but so ill, and (by Fits) fo violently pain'd, that he would cry out in the Night, to the Disturbance not only of the fame House, but the next Neighbours alfo, and thought nothing eafed him more than rifing out of his Bed, and walking the Chamber; (fo far was he from having a *Palfie*.)

Having found Ease the time before, he foön enter'd upon *bathing* again, which he did either in the *King's-Bath*, or in a Tub, (which was provided purpofely) at leaft four days in a Week: When the Weather was calm, or any way tollerable, his Lordship would not be kept out of the Bath; when it was ftormy and windy, he bath'd in his Tub (as hath been mention'd in the *Preface*.) His Lordship was that year in the *King's-Bath*, on *Childermas-eve*,
and

and in all that time had not so much as a *Cold*; but it render'd him very tender, insomuch, that he was very sensible of Cold, the next hard Frost, which happen'd that year to be very severe about Twelf-tide; yet he weather'd it very well by a more than ordinary Care of himself, and daily got Ground of his Pains and Weaknesses, and about the middle of *February* went for *London*, and never had such violent Pains afterwards.

His Lordship came frequently afterwards to the *Bath*, but more to continue the advantage he then receiv'd, than upon any new emergent necessity, and sometimes drank the *Waters*, and sometimes bathed; and sometimes both, and sometimes neither, but barely for his diversion.

In his violent Pains I was forc'd to give him *Anedynes*: I would willing have confin'd him to a *Pill* (for in that form I directed it) once in two or three Nights; but he having once found the advantage of it, he would not be kept to that Allowance, but would take it (as I then thought) much too often. It was a peculiar Preparation of *Opium*, which I order'd my *Apothecary* to make, and his Lordship was very earnest to see the Preparation of the Mass, and it was granted him; but he had clancu-
larly

larly provided a Silver Box, (like a small Tobacco Box) which held more than an Ounce, and fill'd this Box out of the Mass, and carry'd it always about him; pretending that he might not get it made so well elsewhere, and that he would use it only when gone from hence. But (as his Lordship confess'd afterwards, when he was recover'd) he did often (sometimes more than once in a Night) aim at the bigness of a Pill (such as was at first given him) and take it, when not so much as his Page knew of it; which indeed made me ever after bolder in giving *Opiats*, being, perhaps, before too timerous in prescribing such Medicines, and I mention it here that this instance may lessen the dread that most People have, of giving or taking sleepy Medicines. It is too publickly known (if it had pleased God to have had it otherwise) how well his Lordship was afterwards, to the time of his Death.

OBSERV. V.

Robert Grierson, Esq; a hopeful young Gentleman, aged Eighteen Years, out of the Kingdom of Scotland, was sent hither for a *Sciatica* about the beginning of October, 1666. after all Ways and Means had been try'd in his own Country, both by Physicians and Chyrurgeons, and I think by some Bone-setters

Bonesetters too; for (by reason of the Relaxation of the *Ligament* that holds in the Head of the *Thigh-bone*, into the Cup of the *Hip*) that Joynt was dislocate, and probably had been long before he was put upon this tedious Journey from *Scotland* to the *Bath*.

He had most exquisite Pain, upon the least stirring of him, especially when he was lifted into, and out of his Litter, or his Bed. He was a great while upon the way, (three Weeks or a Month) being able to endure but very short Journeys. When he came hither, which was late in the Year, as hath been said, (besides his weakness from the long continued Pains, and Want of Rest, and perhaps from frequent taking Colds in his Journey (and it may be before) he had a *consumptive Cough*, and a *Heetical Indisposition*; raising a very fowl *Phlegm*, heavy and discoloured, insomuch, that he was in no wise fit to be presently put into the *Bath*, if his other *Circumstances* would have permitted it. He was forc'd therefore to rest a Week or more before we durst attempt it (which his Uncle that came with him, and his Tutor, and Chaplain, were very hasty, and earnest for, coming, as they pleaded, purposely for it:) And when it was attempted,

it was with great difficulty; laying him upon a kind of a Cradle, bottom'd with Girse-web, letting it down, by degrees, into the *Bath*; and even thus it was not without great Pain to him, and Trouble to his Attendants; and this was done but six or seven times, before Winter came on so far, and his *Pectoral Distemper* so much increased, that we were forc'd to give it over, and apply our selves wholly to the *Consumption*, and *Hectick*, and inconsider the *Sciatica*; for the former threatned his Life, the latter but a Limb; but all that was attempted, signified not, for in *February* following he dy'd *Tabid*.

Upon the opening of him (for he was Embalmed, wrapped in Cerecloths; those about him knowing no other, but that his Corps was to be carry'd back into *Scotland* to be interr'd there) it manifestly appear'd that the decay of his Lungs, was the cause of his death. At length order came to bury him here, which was accordingly done, in the Church of *St. Peter and Paul*, and a Stone laid upon him; which little Circumstances I mention, because what I chiefly describe this Case for appear'd fourteen Years after, when the Sexton opening his Grave, to interr another, I happen'd to be walking in the Church,

Church, and reprov'd him for uncovering, this Corps so soon; but he defended himself by saying, *That Ground would consume a Corps in less time*, which prov'd very true, for there was not so much as a Hands-breadth left together whole of the Cerecloth, and nothing at all of the Flesh. Observing the Bones, I took notice, at a distance, of a manifest difference in their colour; all of them, except those of the lame *Hip* and *Leg*, being as white and as smooth, as if prepar'd for a Scelliton; that of the infirm side was shorter by some Inches than the other, and of a dark brown colour, towards a blackish, which excited in me a Curiosity to take a more exact notice of them; and looking upon them more narrowly, I found them carious, eaten in, to a considerable depth, and those erosions as close one to another, as they could stand by each other, so that it look'd like a Honey-Comb, only the eroded Cavities were not so regular.

These things I mention, not only in performance of my Promise in the *Preface*, (not to omit unsuccessful Tryals of the *Bath*) but that it may be also observed and consider'd, that such Distempers as these in growing Persons, hinder the Increase even of the most solid Parts; and that the matter that causeth them, degenerates

nerates even into the most deleterious Corrosives; Oyl of Vitriol, or Aqua-fortis, could have done no more to those Bones, than the Morbifick Matter, that caused the *Sciatica*, had done.

OBSERV. VI.

Another Instance, very like this, (and in some particulars, more instructive) was that of Sir Thomas Malevorer, with whom Dr. Baynard and I were jointly concerned, here at the Bath; (but neither of us before he came hither.)

He was brought hither in July, 1687. very weak and ill, as well as lame; swell'd from Head to Foot, especially on the lame side. He was Stomachless, nauseated every thing they offer'd him to eat, and what was forc'd down was usually return'd again by Vomit.

He could not stand upright, much less attempt to go; for he could put no Stress to the Left Leg, nor much to the Right; and when lifted by others, was ready to faint away; which Circumstances render'd it very difficult to put him into, or take him out of the Bath; which (after two or three Tryals) we were forced to give over, and to support him with Cordials.

Long

Long before he came hither, he had had the Advice and Assistance, of both Physicians and Chyrurgeons, who still treated him as in a *Sciatica*; tho' we were inform'd, that the beginning of his Illness was from a fall from off his Horse, in Hunting, and then probably received a Bruise on his left Hip, to which fell a Flux of Humour., and (having an ill habit of Body before) they became sharp and virulent, as appear'd afterwards.

They had try'd all Methods and Means, even to Salivation it self, and at length (as the last Remedy, and as is too usual) sent him to the *Bath*; but under so ill Circumstances, that it was no wonder that whatever was done for him took no place, all being to little, or no purpose; for after a Fortnights painful languishing he died, about the beginning of *August*.

His Body was open'd the same Night, there being present at the Dissection, Sir *Richard Malevorer*, his Brother, and Heir; Dr. *Baynard*, my self, and Mr. *Chapman*, his *Apothecary*: In the Corps were these Observables.

1. Outwardly, at the first view, the lower part of the *Abdomen*, the *Inguina*, *Scrotum*, and Left *Hip*, where his aile began) appear'd not only greatly tumify'd (as were both

both the *Legs* and *Thighs*) but discoloured, black and bluish, and clear *Bladders* risen upon those parts (certain signs of Mortification) nay, the whole *Abdomen* was sphacelated.

2. The lower Region being laid open, there were no Remainers of the *Omentum*.

3. The *Stomach* and *Cuts* (especially the *Colon* and *Ileon*) flaccid and thin as Paper, and in some places discoloured.

4. The *Liver* large, livid, and rotten.

5. The *Spleen* small, and no sounder than the *Liver*.

6. The *Right Kidney* large, loose and rotten; the *Left* indifferently sound.

7. But what was most observable, and to our present purpose, was, the *Musculus Psoas* was totally absum'd to its common Coat; within which was (or perhaps rather the Matter had made to it self a large strong *Cystis*) such a suppurated *Abscesse*, as well nigh fill'd the Cavity of the *Left Side*, near as high as the *Spleen*; which at first view look'd of the colour of an unboyl'd Lobster; and when open'd (nor did it easily yield to the Knife) there spouted out at first some Quarts (two or three as we judg'd) of a Wheay fætid Matter, which was follow'd by a Cheesy Curd,

B

as

as in a *Steatoma*; of which Matter there lay also between the *Muscles* of the *Left Thigh*, almost to the *Knee*, and close upon the *Bone*, which Matter was of that Corrosive Sharpness and Virulency, that it had eaten off more than the Cartilaginous part of the Head of the *Os Femoris*, with its Ligament, and *Acetabulum*, and *Coxa*; so that there appear'd nothing to hold them together, after the Matter of the *Abscesse* was discharg'd; and what remain'd of the *Thigh-bone*, (at least the upper part of it) was all carious and eaten into Holes, as is describ'd in Mr. *Grierson's Case*.

In the middle Region;

1. The *Diaphragma* was black, thin and rotten.
2. The *Heart* small, and flaccid, and without any Water in the *Pericardium*.
3. The *Lungs* large, but discolour'd, and grown (mostly on the *Left Side*) to the *Pleura*.

In short, both the middle and lower Region, *Scrotum* and all, were one entire Sphacelation, and Gangrene.

OBSERV. VII.

Mrs. *Boswell*, a comely young Gentlewoman, newly marry'd, about 20 Years of age;

age; she was Daughter to Serj^t. Trynder, (of *Oxfordshire* by Birth, but liv'd mostly in *London*) by taking *Cold*, was seiz'd with a Pain first in the outside of her *Left Leg*, afterwards in the *Hip* of the same side, and thence round her *Back*, to the other side, and was violently pain'd in both; she was contracted, and bowed together, not able to stand or sit upright, or lie streight in her Bed. She was carry'd from place to place in Arms, and that not without frequent Complaints of twinging Pains.

She had try'd all sorts of Means, to give Ease, and remove the Distemper, by the advice both of Physicians and Chyrurgions (and I was told, that Salivation also was attempted) but all in vain: She was brought hither in *April*, 1687. and stay'd till the end of *June*, or the beginning of *July*; in which time she was first (in preparation to her *bathing*) let Blood, Vomited and Purged; and whilst she *bathed* (for alteration) took a Bocket of the Woods, *Sarsa*, *China*, *Hermodyctyls*, *Chame-pytheos*, &c.

She had so accustomed he self to *Anodynes* (for present ease) that she could not quickly be taken off from them, having taken to 30, and 40 Drops at a time, of liquid *Laudanum*, and that twice or thrice

four and twenty Hours. I at length prevail'd with her (tho' with difficulty) to lessen the Doses, and not take them so often, and this was done by degrees.

Whither it was by the violence of the Pain, or the too frequent use of these Stupifactive Medicines, or any former Inclination to *Hysterick Fits*, it was not very appaent; but she had (every now and then) very severe ones, not much short of *Epilptick Fits*: She bore moderate *bathing* well enough, and was *pump'd* upon those parts, where the pain afflicted her most.

This course in a Month or two's time gave her so much Ease, that she was content to be confin'd to her *Anodyne* Medicine, but every other, or every third Night, and could put some stress upon her Legs, and lie straight in her Bed. Being thus considerably advantaged, and the heat of the year coming on, she return'd home; and there, not only continued what Benefit she had got, but in some measure improv'd it, and past the following Winter without great relapses; but was (by Fits) more or less pain'd and weaken'd in her lower *Limbs*; and therefore came hither the second time, in *May* or *June*, the next year, and staid seven or eight Weeks, in which time she perfected what she had before begun;

gun; and not long after (if not whilst she was here) prov'd with Child.

I visited her in *London*, in *April*, 1689. and found her very well, and Mother of a lusty Son. She continues yet so, I think; for in *December*, 1694. whilst I was collecting these Observations, my *Apothecary*, Mr. *Chapman*, being in *London*, was to waite upon her from me, and gave me that Account when he came home; and that she ascribes her being so well to what she did at the *Bath*.

OBSERV. VII.

The Lady Dowager *Brooke*, (Mother to the present Lord *Brooke*, and Sister to the now Duke of *Bedford*) some Years before her Son *Robert*, Lord *Brooke*, came to drink these *Waters* for his *Diabetes*; either in *London*, or at her House near *Hackney*, was seiz'd with a *Lumbago*, or *Double Sciatica*; inso-much, that her Honour not only suffer'd violent, and long continued Pains, but was contracted, and drawn together by it, and could neither stand upright, nor extend herself strait on her Bed.

Her Honour had the Advice of the most Eminent and Learned Physicians about Town; as Dr. *Michaelsvairt*, Dr. *Weatherly*,

Dr. Willis, &c. who all (by joynt, or separate Advice) had held her in several Courses of Physick, from the *Spring* to *September*, without considerable Amendment. At length Salivation was proposed, which her Ladyship utterly refusing, her self first mentioned coming to the *Bath*: But this Proposal of her was not approv'd of by any of the fore-mention'd Physicians, and fiercely declar'd against by the last of the three; insomuch, that when he saw her Ladyship resolv'd upon it, he told her plainly it would kill her, and came to take a solemn leave of her, telling her Ladyship that he should never see her more; and since she would go, contrary to the Opinions of her Physicians (for none of all that were consulted with, consented to her coming, but Dr. Stubs she should blame her self if what he prognosticated should come to pass; but withal sent a Basket of Medicines from his own *Apothecary*, which held near a Peck; and of which her Ladyship never took an Ounce, and indeed, not much of any other Physick; but (her Pain being violent, and her lower *Limbs* almost useless, by reason of Weakness, and Contraction; and the *Winter* hastning on) she enter'd presently upon *batting* in the *Cross Bath*, and drank sometimes of the *Waters*. Both which,

in a few days time gave her Ease; in the first week she could stand upright in the *Bath*; and in a Months time could walk her Chamber; and was at length perfectly recover'd. I had the Honour to wait upon her Ladyship, to advise about the Time and Manner of her *Bathing*, and using the *Pump*, (which also she did, as late in the year as it was;) by all she had not only Ease, but Strength, and return'd home well; past that *Winter* without a Relapse, and lived many Years after free from that Distemper; and dy'd afterwards of a *Fever* at her Son (*Robert, Lord Brooke*) his House at *Bremmer*.

OBSERV. IX.

A *Smith's Wife*, of *Cosham*, in *Wiltshire*, (by name *Symon Hooper*, alias *Edny*) aged 32, came hither in *April*, 1680. for a settled *Sciatica*; she was not only violently pain'd, but the *Hip* and upper part of the *Thigh* were very much swollen, and that Joint so stiff and tender, that she could not extend that *Leg*, much less stand upon it, and scarcely suffer it to be touched. However having been informed that many had been here cured of *Sciatica's*, into the *Bath* she would go, and did, more than four or five

D 4

times;

times; and out of too much good housewifery, to make haste home, stay'd very long at a time, and went in (some days) twice a day; but instead of easing her pain, and abating the *Swelling*, it increased both, and then (and not before) she thought fit to ask advice; her Husband's Sister (at whose House she lay) having been my Servant, I was consulted, and Mr. *Chapman* was to be her *Apothecary*, and was afterwards her Chyrurgeon too. At first view I perceiv'd it to be a *Phlegmon*, and told her that there was Matter underneath; and that there would be no discussing of it, but it must break, which perhaps the *bathing* might hasten; and the sooner it was done the better, lest (by the long imprisoning of that corrupt Matter) the Bone should be foul'd; therefore all Means was used to mature, and open it, which at length was done by *Caustick*.

Much Matter was discharged at first, and at every dressing, for a long time after, two Months and more, but with great Diligence and Care in Dressing, and a vulnerary Drink, *Anodynes*, and *Paregoricks*; (for, by much Pain, long Watching, and no Stomach; a Cough, and *Hectical Indisposition*, she was brought very low, even to a Skelliton) she was at length recover'd, but the

the *Leg* remain'd crooked; which by *Bathing* another Season; and using some mollifying Applications, and extending it by degrees, it was, it was at length reduced to its Pristine Straitness and Strength, and she to her Health and Vigor, and had several Children after; and is yet alive, to testify it.

Such Instances as these might have been multiply'd to a very great number, there being no one Distemper that brings more People to the *Bath* every year than this doth, and hath done ever since I came to live upon this place.

But these few are sufficient to inform those that are thus affected, where to find a Remedy, if they delay it not too long.

CHAP. III.

Of *Fix'd Pains* in the *Arm*.

IT is not the *Hip* or *Hips*, and *Loyns* only; that this sharp Humour exerciseth its Tyranny upon, but almost all other parts are liable also to the same trouble from these *Defluxions*; particularly the *Shoulders* and

and *Arms*, one or both, I have observ'd in several Persons to be severely afflicted by it, and for which many have come hither for Cure; and by *bathing* and *pumping* upon the part, have received Advantage. Of which, I think it not amiss to give some particular Instances, and I shall begin with a worthy Prelate.

OBSERV. I.

The Right Reverend Father in God, the now Bishop of *Coventry* and *Litchfield*, who (some Years past, when he was Dr. *Floyde*, and Minister of *St. Martin's*) had such a Pain, and Weakness withal, in the *Right Shoulder* and *Arm*, that it became very troublesome to him, and interrupted his Rest, and hinder'd his Study, and disabled him to discharge the Duties of his place, which he always (till thus hinder'd) was well known to be assiduous at. He then came to the *Bath* for it, I think it was in the year 1679. and receiv'd a great deal of Advantage by it, and continued well of it for ten or twelve Years after; but then return'd upon him (when Bishop of *St. Asaph*) with greater Violence than before; insomuch that the constant Pain would scarcely suffer him to take sufficient

Rest

Rest to support Nature, and that disorder'd him all over; the whole *Limb* not only useless but burthensome to him. His Lordship had so yielded to that side, by reason of the Pain and Weakness, and weight of that *Arm*, that he seem'd to be grown crooked by it, tho' streight before, and is since his Recovery. That *Shoulder* was fallen manifestly lower than the other, and therefore probably the *Ligament* was relaxed also. Upon what accident this Relapse came, or whether on a sudden, or by degrees, and what *Prefaces* there were to it, I have not had particular Information.

His Lordship having receiv'd Ease and Recovery, as is abovesaid, when first it afflicted him, he return'd to the same Remedy (after the tryal of several Means at home) and came hither in *July*, 1692. when I had the honour to attend his Lordship, and to advise in the Use of the *Waters*, *Bath*, and *Pump*; all which his Lordship used in their turns, and but little inward Means besides the *Waters*, only an *Electuary*, and some gentle things, which his Lordship had been accustomed to, to keep his Body soluble (for of himself he was very apt to be *Costive*, but more upon *Batbing*.)

By all which his Lordship found great Ease, and some Strength. But an Accident happening, which call'd his Lordship
away,

away before his Cure was perfected, (for he stay'd but a Month that time) he had still some remaining trouble from that part all the following Winter. To make Amends for which his Lordship came again the next Summer, 1693. much sooner in the year than before, in the beginning of May, and stay'd out two full Months, and follow'd the like course as before, which perfected what was begun the proceeding Year, and had the wish'd Success; perfect Ease, and Use of his *Arm*, and continued so the Winter following, and had nothing remaining of his former Complaints; only the *Fore-Finger*, and *Thumb* of that Hand, had sometimes a little Stupor, or Numbness upon them.

This Account I had by Mr. *Chapman*, the *Apothecary*, Decemb. 30. 1694. who had it from his Lordship's own Mouth, with an offer to attest the Truth of it, under his own Hand, if it were thought needful.

OBSERV. II.

Major *Arnot*, a *Scots* Gentleman, of the County of *Fife* (but very well known in *England*) came hither in *April*, 1693. recommended to my Care by Dr. *Hacket*, a *Physitian*, in *Edenburgh*, (to whom I was known

known only by name) the Major was upward of 60 ; he complain'd of a very great Pain and Weakness fram his *Left Shoulder* downwards, to his Fingers end. It began to be very severe about eight Months before he came from home.

As to the occasion of it he thought it might be this. He delighted much in Hawking, and imputed this Infirmary to his long and often carrying his Hawk upon that Fist, in all Weathers, and the frequent *Colds* that he had taken in the Pursuit of that Game. He had had (as he told me) about the *Musculus Biceps* of that *Arm*, a Swelling as big as an Apple, which was dissipated with *Oynments*. Taking Physick for this (with little Advantage, but scattering the Humour) he had Pain also in his *Right Hip, Thigh and Leg* : And whether by Cold in his Journey hither (for he was a considerable time, coming from *Scotland* to this place, not being able to bear long Journeys, and sometimes meeting with very ill weather) or by what other accidents I know not ; he had withal a violent *Cough*, and discharged much and fowl Spittle ; he had little or no Stomach, and sometimes cast up what he had eaten. He was subject to the *Stone*, and had formerly voided much *Gravel*, and several small *Stones* ; one whilst he was here.

Ma-

Making too much haste to be well (as too many do) he went presently into the *Bath*, and was ill after it, and (not till then) sent for me.

After due Preparation I put him first upon *drinking* the *Waters*, because of the *Nephretick Distemper*; and withal to correct the Acrimony of this *Defluxion* to his *Arm*, *Hand* and *Hip*, &c. and then permitted him the *Bath* (to ease his Pain, and recover Strength in the weaken'd parts,) but defending the *Kidneys* with a cooling *Liniment*.

He found not quickly a considerable Alteration to the better, but went on sometimes *drinking* the *Waters*, (which after a while, with some Assistances, past very well with him) and sometimes *bathing*. At two Months end, or thereabouts, he went back perfectly recover'd, both as to *Cough*, *Stomach* and *Sciatica*, and had Ease and Strength in, and use of his *Arm*; look'd fresh, and better in his Countenance; was fuller and fatter much than when he came hitler. Since that time I have not had any Account of him, or from him, but would have been very glad to have receiv'd it, though I had paid Postage for a Letter out of *Scotland*,

OBSERV. III.

Mr. *Cherry*, (a Gentleman of *Maidenhead*, belonging to the Law, aged 40, or more) came hither in *August*, 1679. the *Christmas* before, by a fall from his Horse, he had his *Left Shoulder* put out of Joynt, and after two Days it was well set; but from that time remain'd pain'd and weak, and sometimes numb'd; so that it became not only less useful, but troublesome, and uneasy to him.

After Preparation he was put into the *Bath*, and after a Week or ten Days *bathing* was put under the *Pump*; all which was continued for about three Weeks or a Month, and he was well recover'd by it, both as to Ease and Strength, and Use of that *Arm* and *Hand*, and yet so continues, I think.

He was here in *August*, 1691. with a Daughter of his (that came to *drink* these *Waters* by Dr. *Brown's* Directions) and his Son, and his Son's Wife. He then assur'd me that he had continued very well at ease, and had the Use of that *Arm* as well as of the other, and ascrib'd it to what he, as first, did at the *Bath*.

OBSERV. IV.

In a Case much like this did the Honourable *Thomas Coventry, Esq;* since (and now) *Lord Coventry*, come to the *Bath* in *August, 1684.* But his *Lordship's* Pain and Weakness in his Arm was after a Fracture, which was well reduc'd in little time after the Fall by *Mr. Pledwell, of Oxford,* the Chyrurgeon, who waited on him to the *Bath.*

The *Arm* and *Hand* were both swell'd, as well as weak, and pain'd, and all the Use and Motions of both imperfect, and with Trouble. His *Lordship* was pleased to take my Direction and Advice in Preparation for *bathing*, and using the *Pump*; all which his *Lordship* submitted to, and continued the Use of, for five or six Weeks.

He *bathed* near a Month before he used the *Pump*; first in the *Cross-Bath*, (because the more temperate) afterwards in the *Hot-Bath*, (because more strengthening) both near his *Lordship's* Lodgings: The *Queen's* and *King's-Baths* are so used, to the same Intentions.

Infine, His *Lordship* return'd home very well recover'd, and so continued, without coming a second time, which was design'd
and

and talk'd of, (as I was inform'd by a Servant of his *Lordship's*, Mr. *Cookes*, whose Wife came several Years following for a *Palsie*, and found great Advantage by it, and (by turns) used all the *Baths*.)

OBSERV. V.

This next Observation I insert, not altogether so much to shew the usefulness of the *Bath*, and *Pump*, in pain'd and weaken'd *Limbs* ; but as thinking it somewhat instructive, in reference to the nature of *Defluxions*, and perhaps somewhat directive to their Recovery, at least to a present Alleviation of Pain.

Sarah, the Wife of *Robert Payne*, an honest Farmer, of the Parish of *Hutton*, near *Banwell*, in *Somersetshire*, aged 40, or more ; in the year 1675. came to the *Bath* for a violent Pain and Weakness in her *Right Shoulder*, *Arm* and *Hand*, from a sharp *Defluxion* to those parts, from her *Head*, (as is probable, having, before that, been often troubled with severe Fits of the *Head ach*, and *Rheums* to her *Teeth* and *Jaws*.) There appear'd no Swelling, and little or no discolour upon the Parts affected ; but for some Months before she came hither, they had been exceeding painful, both by Day and

E

Nights

Night, but chiefly at Night ; and in moist and wet Seasons.

She had used several Applications, such as that Country would afford, and what her Neighbours could advise, but to little or no purpose, which put her upon a Journey hither ; as soon as she came she would go into the *Bath*, and (hastning to be well, as she at least thought) stayd sometimes longer than ordinary in it, which rather increased, than lessen'd her Pain, (probably, for want of due Preparation, the Humours were heated, dilated, and exasperated by it.) Under this great Trouble and Disappointment, she came to my Wife (who was her Countrywoman, born in the same Parish, and whom she knew (when she kept her Father's House) to make, and give to her Neighbours a white Plaister, in cases of Squats and Bruises, and Pains in the *Limbs*) and was importunate with her, to give her one of those *Plaisters* for her *Arm*. The *Plaister* was made of *Burgundy-Pitch*, *Frankincense*, *Bees-wax*, &c. My Wife willing to gratifie her Countrywoman, and to save her what Charges she could, gave her a large one, which cover'd *Shoulder*, *Arm*, and all, to (or below) the *Elbow* ; telling her withal, that if she expected Benefit by it, she was not to move it till it fell off of its self.

On

On she put it, and wore it two or three Days, with some Abatement of the violent Pain; about the fourth day she comes to her Doctorefs, and shews her the Sleeve of that *Arm*, as wet, as if it had been dipp'd in the *Bath*, and dropp'd at her Fingers ends. They being both startled at it, I was call'd in to the Consultation; the *Plaster* being mov'd up, there appear'd no broken Skin, no sheere Bladders, no discolour, (therefore, probably, no danger of Mortification) but this sharp *Serum* forced it self through the Pores of the Skin, dilated by the *Plaster*, and attracted from the *Bone*, and Inward Parts. The Pain decreased daily upon it, and this Running continued a Week or ten Days; and when it began to cease running, the Matter crusted upon the part, half an Inch thick, like a *Scabies feda humida*; which Crust was at length got off, by fomenting it with the *Bath-Water*, and some Mollifying Cooling Oynments, and left no Erosion of the Skin at all. It is not to be imagin'd what a prodigious quantity of this sharp *Serum* was vented at that part. But this Discharge not only eased the Pain effectually, but lessen'd her *Head-ach* also, and *Rheums*, to which she had been a long while subject to. Some Weakness was left upon the *Arm*, but a little while's

moderate *bathing* recover'd that also; so that she returned home eased, and well, and continued free from this Symptom as long as she liv'd, which was many Years after.

OBSERV. VI.

Mrs. Booreman, (Widow to Dr. Booreman, formerly Minister of *Fromeselwood*, in the County of *Somerset*, and Prebend of *Sarum*) aged 43. She was Daughter (or Grandchild) to Sir *John Lamb*, of *Coulston*, in *Wiltshire*. She had been for a long time highly *Scorbutical*, and *Rheumatical*; her Blood Salt, Sharp, Hot and Thin; an unusual Testimony of which appear'd upon her, some Months before she came hither, (which was in *July*, 1663.) For having a seemingly slight *Ulcer* in her *Left Leg*, (but of long Continuance, and not easily cicatriz'd, by reason of the Conflux of sharp Humours to the part) as she was one day walking about her House, and entertaining some Friends, a Vein opened of it self, in, or near, the Ulcerated part (possibly the sharp Matter had eroded the Vein) and bled profusely; fill'd up the Stocking and Shooe, she her self being no way sensible of it, till the Company that came to visit her, took notice of it, by the

the Blood spilt upon the Floor of the Room.

Upon taking off the Shooe and Stocking, the Blood stream'd out as if the Vein had been open'd with a *Lancet*; so that they found no way to stay it, but by holding a Finger hard upon it, till a Chyrurgeon (that had had that *Ulcer* of hers in Cure, for some considerable time before) was sent for from *Salisbury*, (which was two or three Miles distant) who, by opening a Vein in the *Arm*, to divert the course, and allay the ferment of the Blood, and by Stipticks outwardly apply'd, at length stopp'd it. From this sharp Blood she had frequent Fits of the *Rheumatism*, which at length settled in the *Right Shoulder and Arm*, and both became by it very painful, weak, and useless, for which she came (as is already said) to the *Bath*.

Bathing she indeed needed, for the Pain and Weakness in her *Arm*; but the Heat and Sharpness of the whole Mass of Blood, made me, (to whose Care she was committed) not easily to consent to it.

And indeed, Complications of Distempers, and Contra Indications are the Puzzle of Physitians; but the most urging Symptom must be first set upon. She her self, and some Friends that were with

her, were very fierce for *batning*, but I did not agree to it, till by *Bleeding*, *Purging*, and *Drinking the Waters*, and taking some of the cooler *Antiscorbutick Alteratives*, she was so prepar'd for it, that I thought she might bear (without Prejudice) the *Cross-Bath* (the most temperate, and therefore most agreeable to her present Circumstances, at that season of the year) which *Bath* she did chiefly use for some considerable time, with so much Advantage, that she went away eased, and in some measure strengthened; and, by degrees, perfectly recover'd upon it.

OBSERV. VII.

Mr. Robert Britten, a *Londoner*, aged 45, having receiv'd (some Years before) a great Bruise in the *Right Shoulder*, by a Fall out of a *Balcony*; the part remain'd very weak after it; and, in Process of time, a *Defluxion* of sharp *Humours* fell to it, which gave him exquisite Pain, and enfeebled the whole *Arm*, much more than the Fall had done.

Many more such Instances might be given upon this Head, but that it would make what is intended only for a *Pocket-Book*, to be of too great a Bulk.

OBSERV. VIII.

SPINA VENTOSA.

I have seen of these *Fix'd Pains* to be on some part of the *Thigh, Leg, Arm, &c.* so small as to be cover'd with ones Thumb, (as is the usual Saying) but have caused great Uneasiness, Want of Rest, and Trouble, which have been removed by *pumping*, and *drinking* the *Waters* between. Some Patients I have had here for that odd (but stubborn and afflictive) Distemper, which some call by an odder name, The *SPINA VENTOSA*; but I cannot say that I have seen very great Success upon the Use of the *Bath*, or *Bath-Waters* in this nice Case.

The name of *Spina* I like well enough (for the Pain is not unlike that of a Thorn, strongly forced upon a very sensible part) but for the *Ventosa*, I like it not at all; for (if I have consider'd it well) it sticks too long to be barely Flatulent, it must probably be more than Wind that is the cause of it. Perhaps a thin sharp Matter, degenerated into a corrosive Poyson, which frets upon the *Periostium*, or some Branch

of a *Nerve*; till the Accels of some new *Lympha* dilutes it, and makes it less, or not at all, corrosive for the present, and then there is an Intermission (at least an Abatement) of Pain; till it be exalted anew, and gather Head again, and then another Fit returns: For its usually hath its *Paroxysmes*, which with some hath longer, with others shorter Intervals; sometimes it's almost constant. If this conjuncture hold, it might be call'd *Spina Venenosa*, instead of *Spina-Ventosa*.

Four I can remember to have had under my Cognizance in this Condition, that (after all other means used) came hither to try what the *Bath* would do for them.

1. Sir Harbottle Grimstone's Lady was one, who had it in one of her *Jaws*, towards her *Throat*. Her Ladyship had some Alleviation of the violent Pain the first time, which encouraged her to come a second time, and (if I mistake not) a third time; but I cannot say she was recover'd.

2. Mr. Pooley, Minister of *Wrinton*, in *Somersetshire*, (but, for this Distemper's sake, living mostly in *London*, where he hath had the Assistance of the ablest Physitians and Chyrurgeons, (as well as *Mountebanks*) and hath try'd almost all means for Cure, given to *Salivation*, and the *Actual-Cuperie*, but

but all to little effect, as I was last Summer inform'd by a very worthy Lady, his Relation, and my very good Friend, of whom I made enquiry concerning him) He came hither some Years ago, and drank the *Waters* for a considerable time, and bathed, and I think pump'd too, but with little Success. His was more in the Roof of his Mouth, towards the Right Side.

3. A third was the chief Apparator belonging to *Wells Court*, Mr. Morris. He had it near the upper Jaw, of the Right Side; where, at long run, it ulcerated, and Matter was daily discharg'd into his Mouth. His Cheek had been open'd by Incision, in hopes to have made more effectual Applications outwardly, than could be done inwardly; but the course of it could not be diverted, but the quittance still issued out into his Mouth.

He at length came hither, and was under my Directions for a Month, or more, to no great purpose; the Pain was somewhat lessen'd. At length, upon drawing of a *Tooth* (which I advised to have done) and drinking these *Waters* for a long time together (for after he went from hence he sent for them to *Wells*, and drank them there) and using cleansing and healing Lotions, he was perfectly cur'd.

4. A fourth was a Gentleman, recommended to my Care by a Letter from my very good Friend, and old Acquaintance, Dr. *John Lawson*, then Treasurer of the Colledge of Physicians in *London*, and since that, President.

This Gentleman, after some Preparation, both *drank* the *Waters*, and *bathed*; and was *pumped* upon that side of the *Head*, and *Face*, and *Neck*, where the violent Pain used to afflict him, and continued the Use of this means some considerable time. He had a pretty large Interval (longer than usual) whilst here upon the place, and using the means; but whether it continued after he was gone hence, or whether the Pains return'd again, I have not had any Account, either from him, or his Physician, that sent him hither.

CHAP. IV.

Of the Dead-Palsie.

HAVING in the former Chapters given Instances of most sorts of pain'd Patients, that have receiv'd Benefit by the *Bath*; I now come to those that had little or no Pain, but had a *Stuper*, *Numbness*,
Dead-

Deadness, and *Uselessness* of the affected parts, (tho' I have known some *Paralyticks*, that have complain'd of Pain, when they could not stir the Limb; and we usually look upon such, as most likely to receive Benefit, and soonest to have Recovery.) Amongst these the *Ἡμιπληγία*, or half stroke (vulgarly call'd the *Dead-Palsie*, or *Palsie* of one Side) is most frequent, and therefore justly challengeth the first place.

Whether it be from Obstruction, or Compression of the *Nerves*, hindering the Irradiation of the *Animal Spirits*, or too much *Coldness*, damping the Explosion, or Excess of Moisture relaxing (and consequently hind'ring the Vibration of) the *Nerves*? What part of the *Nerve* is mostly affected, and how? and to what degrees, when both Sense and Motion is lost, when Sense remains, and Motion is lost, & é *Contra*? These nicer Enquiries we (at present) leave to *Theorists*; but to be sure in Practice, we find this to be one of the most stubborn Distempers that we have here to do with, and is longer in curing; and few there be that have so enlarged a Patience, as to attend this means so many Seasons, as are requisite for the Recovery of so obstinate a Disease. Many give it over at once or twice tryal, and despair of ever being

being recover'd, whereas, if the *Bath* were followed Year after Year, many more might be cured of it than now there are.

And now I speak of Recovery, I hope it is not expected that I should instance in many that have no remaining little defect in Speech; *Arm, Hand* or *Leg*, (and by the way I have observ'd, generally speaking, that the *Hand* and *Fingers*, but chiefly the *Thumb*, in most *Paralyticks*, are the last parts that recover to any considerable degree of Strength, or Motion). It's not to be expected that the great Shock the Fit of an *Apoplexy* makes upon the nice, and curious Structure of a Humane Body, should presently be set to rights again; (and truly those of all other Animals, even to the meanest Insect, are not less curiously wrought; and then what a wonder is it, that any considering Enquirer into Nature should be indeed an Atheist?)

Such a shake, I say, must needs make great Disorder, where so many small Cords, Wheels and Pullies, serve for the several motions of every part; so admirably stupendious, as to make a great Master, and one of the Fathers of our Faculty, and one, whose Birth and Education was amongst Heathens (*Galen* in his Book, *de usu Partium*) break out into a Hymn to
the

the most adorable Wisdom that contriv'd them.

No, it is not to be expected, that after such a Concussion, every thing should be set right again in its place, but that some of those fine Parts (as it is with a Watch, after a fall to the ground) must be either broken, or put into great disorder. It is enough (and as much as can be reasonably hoped for) that a Mute or Stammering Tongue should be made, in the least measure, intelligible: That a dead *Leg* should be made again moveable at Will, and able to support (tho' tottering-ly) the Body; that a useless *Hand* may be made again fit, and able to carry a Cup, or Spoon, to the Mouth, tho' with some shaking; that a lost Memory should be so far Retrieved, as to recollect what *Stupor* was upon it, and to give God the Praise for the Alteration.

This, methinks, should be enough to satisfy the most forward Expectation; and if this may suffice (tho' you will find Instances of more than this, here done by God's Blessing upon the *Baths*) go on; and I will be responsible for the truth of every Relation hereafter given. And first,

OBSERV. I.

Coll. *John Sayer*, of *Luddington*, near *Wellington*, in *Northamptonshire*, (where there is a (once famed) *Mineral Water*, such as that of *Astroppe* and *Tunbridge*) he was more than forty Years of Age, and had a Command in the King's Army, when the unhappy Difference was between the King and Parliament, and after the War was ended, the latter prevailing, and having under them the whole power of the Nation; He having made his Composition at *Goldsmiths-Hall* (as all the Loyal Gentry and Nobility were forc'd to do) return'd to live (as he hoped) quietly upon his own Estate; but in one of *Oliver's* discover'd, or pretended, Plots; he (as many other worthy Gentlemen were) was taken out of his House by a party of Horse, and carry'd a Prisoner to *London* in very ill weather, and with worse usage; for he was presently clap'd up in a damp dirty Prison, wet as he was after a rainy uncomfortable Journey; where, the very first Night he was seiz'd with an *Apoplectick Fit*, which determin'd in a *Palsie* of the *Right Side*. Whither his Disease, or his Innocence (to be sure not the Compassion of his

his Adversaries) prevail'd for his Freedom, it was not declar'd; but he being disabled by the former, to do any thing against the present prevailing Power, he was discharged without any Tryal, and then return'd to his own Home, where he was, for a considerable time under the Care and Conduct of Dr. *Bowles*, a then eminent Physician at *Oundle*, in the same County; who, after a long tryal of all the usual Means and Methods in *Paralytick Cases* used, rather permitted him to come, then sent him, to the *Bath*. He first came in *June*, 1659. and still finding Advantage, every Year more and more, tho' but by slow degrees, came almost every Year, till 1670. He seldom stay'd less than six Weeks at a time: He was always prepar'd for *bathing*, by Purging *Cephalick Pills*, let Blood sometimes, and used Alteratives all the time he was here, such as *Cephalick* and *Antiscorbutick Electuaries*, and after them some Spoonfuls of a *Cephalick Julip*. He drank the *Waters* no more than to quench his Thirst when he bathed, and pump'd the lame Side and Head, and to keep his Body solúble. From the very first seizure, it took away the Sight of one of his Eyes, if I mistake not, the contrary Eye to the lame Side, which could never be recover'd; tho' when he

was

was pretty well of his *Palsie*, and some Years after his first Seizure, he used Means purposely for it; sending for Dr. *Turberville* hither from *Salisbury* to consult with him about it. At his first coming hither both his *Arm* and *Leg* were useless, and his Speech very imperfect, as was his Memory also. He recover'd (in all these Particulars) something the first Year, which encouraged him to follow it on, and he, afterwards, apparently got Ground every Year more and more; he would walk in my Garden (for he lay every Year in my House, except the first, being then placed near the *Bath*, where the Noise disturb'd him, which was the Reason of his coming the next Year to lodge with me) he would walk; I say, without tripping, or stumbling, or dragging the lame *Foot* upon the Ground, but when, at the end of the walk, he came to turn the *Giddiness in the Head*, (which indeed should have been mention'd amongst his first, and severest Symptoms, not being then able to guide himself at all) would sometimes mind him, and cause him to stagger; but that abated also by degrees.

In short, by his diligent following of this Means for Ten or Eleven Years successively, he recover'd so much Strength, that he

liv'd well and healthily to a considerable Age ; but of what Disease he at length dy'd, I have not had the opportunity to learn.

OBSERV. II.

The first Instance upon this Head hath given an Account of a sudden Seizure, that gave no warning at all, this second made some Previous Attempts a great while before it became an exquisite *Palsie*. It was in a very worthy Gentlewoman in our Neighbourhood, within four Miles of the *Bath* ; then, and now, Wife to *Joseph Langton, Esq;* of *Newton-Park*. She was Daughter to Sir *John Burlace*, of *Bookmore*, in the County of *Buckingham*, Knt. and Barronet. After she had had several Children (of which, one, if not more, dy'd of *Convulsion Fits*) being again with Child, and in the three and twentieth Year of her Age, in the year 1670. walking, to pay a Visit to a Neighbour-Gentlewoman, upon a sudden her Speech fail'd her, so that she could not bring out her Words ; She spake one Word for another, yet had no Giddiness in her Head, no Failing of her *Limbs*, of either side. Thus she continued to be till her time came to be deliver'd, which was about six or seven Weeks after this first Assault upon her
F Tongue ;

Tongue: In *January* following, presently upon her *Delivery*, it seiz'd her *Head* violently, insomuch, that she could not speak at all, nor apprehend things well for the whole Month, all which time she would not admit of either *Physitian* or *Physick*; but in the *Spring* following she was let Blood under the *Tongue*, which restor'd something her Speech, and took some *Physick*, and came to the *Bath* in *May*, 1671. by which she then recover'd so much Strength, as to be able to go without *Crutches*, and recover'd to a great degree; only now and then (about the Periods of the Moon) some little Mindings she had, which appear'd chiefly by the Alteration of her Speech. Thus she held for five Years, had Child, or Children, or miscarry'd within that time, but no Child liv'd any considerable time, till being with Child again, of her Fifth, I think; and within six Weeks of her time she was suddenly seiz'd by an exquisite *Palsie*, disabling immediately all her *Left Side*, but her Speech not altogether so bad as in her former Fits. She was now as willing to use Means, as she was formerly averse to it, and consented to what-ever was propos'd, even *Blistering-Plaisters*, &c. all which succeed'd so well that she got some Ground before the

the time of her Delivery, in which, she was beyond Expectation well, and speedy, and was safely deliver'd of a Daughter, which is now a proper young Gentlewoman, and was the first Child of five that liv'd beyond three Months. As soon as it was fit, after her Childbed, she was brought hither, and used the *Bath* and *Pump*, and Inward Means, for six or seven Weeks, and recover'd apparently, so that she lay'd by her Crutches again, and could go with little help, and use her Hand, though imperfectly.

She came several Seasons after this; had several Children since; there are now four living, a Son and three Daughters; one dy'd in *September*, 1694 at 15 Years of Age, of that sort of *Convulsion*, which is known by the name of *Chorea Sancti Viti*, and the severest I ever saw, there being not one *Muscle* of her whole Body that was not convulsed, and in continual Motion; but when she slept; which was not often, nor long together; and yet her Mind and Memory sound till toward the last; it yielded to no Means; she dy'd about the 15th Day.

This Lady yet drinks these *Waters* every Season, but hath not of late Years bathed, but is so well, that whilst I am collecting these

these Observations, she is at my House, in order to a *London* Journey with her Husband (who was a Burgess in Parliament for this City) and assists me in recollecting these Particulars of that her Recovery, which she still ascribes to the Use of the *Bath*.

OBSERV. III.

In the Preceding Observation you have an Instance, of some Previous Dispositions to it, but the *Palsie* it self not seizing till five Year after. The first I mention'd gave no warning at all, but was the best Effect, that could be hoped for, from an *Apoplectick Fit*, for it always kills, or for the most part leaves one Side useless.

I shall now give you, in this third, an Instance, different from both the former, (I could wish that I could have told you, that the *Bath* had been as effectual in this, as in the two former Cases.) It is of a *Palsie*, consequent to *Epileptick Fits*: It was in a Reverend Divine, Dr. North, Master of *Corpus-Christi Colledge*, in *Cambridge*, Son, and Brother, to the Lord North, and Brother to a Lord-Chief-Justice of that Name. He had been many Years subject to *Fits* of the *Falling-Sickness*, which would take

take him, sometimes oftner, sometimes seldomer, but at length brought upon him a *Palsie* on one Side, whither Right or Left I cannot well remember. If the *Paralytick Distemper* had superseded the *Epileptick*, it had been an Advantagious Exchange, but both continuing, it made his Case the more Deplorable; *Bathing* having seldom done any great thing (that I have observ'd) in *Epileptick Cases*, but hither he was, at length sent, and recommended to my Care. He arriv'd here in the beginning of *May*, 81. And after due Preparations, both by *Vomiting*, *Purging* and *Bleeding* too) for he was of a Sanguine Complexion, fresh-colour'd, and full of Blood) he began with the *Waters*, and after a while bathed, and towards the Conclusion, was pump'd also upon the weak Side; the pumping his Head we did not adventure.

The Issue of all was, that he seem'd to have some Relief to his lame Side, till the next *Epileptick Fit*, and that put him as much back, as he seem'd to have been forwarded before; so that after six Weeks Tryal of this Means, he was return'd with Directions for a Diet and Medicines, chiefly *Antiepileptick*, tho' some Regard was had to the *Palsie* also.

He lived some Years after, but still subject to the *Falling-Sickness*, and consequently never recover'd his *Palsie*; but (if my Information fails me not) was at last taken off by an *Apoplexy*.

OBSERV. IV.

Having in the last Observation given an Instance of a *Palsie*, consequent to the *Falling-Sickness*; I shall now give an Account of some that became *Paralytick* after *Convulsions*; and those in Children, who came hither, and used the *Bath* with better Success.

A Daughter of Sir Thomas Bludworth's, (about that time Lord Mayor of London) about Three Years old, after several violent *Convulsion Fits*, had the Use of her *Left Side* wholly taken away, and her *Mouth* drawn to one Side; but after this Seizure freed from the *Convulsion*. Sir John Gell, (a great Friend, and intimate Acquaintance of her Father's) coming hither usually once a Year, to prevent a *Palsie* (of which he had had some Previous Symptoms, and of whom I may have occasion to say something before I dismiss this Subject) This pretty Child was sent down with a Maid to attend her, in his Company, and

was

was by him committed to my Care and Directions, having the Honour of being Physitian to him, after the Death of Dr. *Venner*. She came hither about the middle of *June*, 1661. and (after such Preparations, as her Aversion to every thing but Bread and Butter, would permit) she was put into the *Queen's-Bath*; and after a while's *bathing* in that moderate warmth, was suffer'd to be carry'd into the *King's-Bath*; and bearing the Use of both very well, without any ill Accident, she continued so to do; using withal some *Alteratives* in what she eat and drank, as were not very distasteful, she manifestly got Strength; so that at six Weeks end she return'd apparently amended; which Amendment encreasing, even in the following *Winter*, she was sent down again the next Summer; and a third time, in 1665. still improving in her Recovery without Interruption.

She was here again in 1683. and sent for me to advise about some other thing, and was then a proper comely Gentlewoman, having not the least Remainder of her former *Weakness*; only the *Fingers* and *Thumb* of the *Left Hand* could not be kept out strait, but were not altogether useless, but her *Mouth*, *Face*, *Arm*, *Foot* and *Leg*, as shapely, strong, and trigge, as on the

other Side, that never ailed any thing.

OBSERV. V.

Mr. *Powell*, a Gentleman, that did live (at least had a considerable Estate) within few Miles of *Oxford*, was sent hither, with an old Nurse to attend him, at about six Years of age, in *July*, 1667. He also had an exquisite *Palsie* after *Convulsion-Fits*. He took *Purges* and *Alteratives*, as the Nurse and I could perswade, and bathed as his Strength, and the hot Season of the Year would permit, sometimes three times, sometimes four times a Week, for Two Months together, or more, getting Ground upon his Distemper apparently, after the first Month; which Advantage improv'd, after his Return to his Friends, and that encourag'd them to send him again the Year following, and so for several Years, one after another, till he was perfectly recover'd; and afterwards grew a strong lusty Man, and was marry'd to a *Derbyshire* Gentlewoman, Sister to Mr. *Dormer*, of that Country.

He and his Lady, with Mr. *Dormer*, her Brother, were here at the Bath, in 1691. He came for a *Tettery Eruption* in his Neck and Chin, but had no Remainder of the

Palsie,

Palsie, nor sign of it, only (as was *Madam Bloodworth's*) the *Thumb* of his *lame Hand* not so shapely as the other. Whilst I am collecting these Observations, I am told that he is (not long since) dead of a *Fever*.

OBSERV. VI.

In this next Observation I shall again perform what I promised in the *Preface*, viz. give an Account of the unsuccessful, as well as beneficial Tryals of the *Bath*, and it is in one of our own Profession, *Mr. Newton*, of *Swell*, in *Somersetshire*, near *Somerton*. the County Town. He was an ingenious Gentleman, and bred a Schollar at *Oxford*, and not a mean Proficient in Learning.

Being born to a competent Estate, he did not quickly settle to any Profession, but marry'd, and had a numerous Family of Children; and his Father living too long for him; and giving up to him, in Marriage, but a small part of his Estate, he set himself upon the Practice of Physick to mend the Commons, and was not unfit for it, nor unsuccessful in it, and had a good Reputation in reference to his Practice in those parts. But having been generously bred, and being of a cheerful Temper,

per, and in a Country, much given to Good-Fellowship, he gave himself more than enough to that sort of Jollity, and would drink with his *Patients* when recover'd, as well as prescribe for them, when sick. This (as it was thought and said) was the occasion of a sudden, and violent Seizure in his *Head*, which took away both *Speech*, *Understanding*, and *Memory*, and left one *Side Paralytick*. The Wife being greatly concern'd for a Husband she lov'd, and having many Children, who had the greater part of their Maintenance from what he got by his Practice; and having heard of great Cures done at the *Bath*, in *Paralytick Cases*, brought him away much too soon, before the Matter of his Disease was settled, where Nature endeavour'd to lodge the Burthen; and before it was in any considerable Measure lessen'd, either by *Bleeding*, *Vomiting*, or *Purging*. When she was here, and applying her self to an antient Physician that then liv'd constantly upon the place, but had formerly practis'd Physick in *Dorsetshire*, and had been Physician to some of her Relations (she being a Gentlewoman of that Country) he, after a slight Purge or two, permitted him to be put into the *King and Queen's-Bath*; where the poor observant Gentlewoman quickly

quickly perceiving that he grew worse and worse, began to be dissatisfied in the Advice she had hitherto followed, and sent to me, to whom alone she would have re-ferr'd the Management of her Husband's Concern; but I (having still a Regard to the Reputation of the Faculty, and a due Respect to my Seniors in the Profession) refused to be concern'd alone with him: And because I knew the Infirmary of Age had render'd this old Gentleman a little Pettish, and Self-conceited, I was not willing to be concern'd with him neither, without a third, especially the Case appearing to me very doubtful in the Issue, and very hazardous at best.

This Proposal prevail'd, and there was call'd in for a third, (to make up a compleat Consultation) one of the *Colledge of Physitians*, in *London*, who hapned to be here that Summer. It was in *July*, 1663. that (upon my Proposal) he was call'd in, and we met all three. It was quickly concluded that he was brought from Home too soon, that he needed much larger Evacuations before he had been permitted the *Bath*; and therefore by joynt Consent, a sharp *Clyster*, *Bleeding*, *Vesicatories*, *Vomiting*, and smart *Purging*, &c. were order'd.

Some of which being done, and meeting again the third day after (before all that we had first agreed upon could possibly have been try'd) the Gentleman from *London* proposed Salivation, as a certain (and by him often experienc'd) Remedy in this Case; to which the antient Gentleman quickly assented (so great an Influence hath a *London Physician* upon us poor Mortals that practice Physick in the Country) but I begg'd leave in that particular, to dissent from them both, lest dying in the Course (as it seem'd to me most probable that he would) so Fam'd and Experienc'd a Remedy might be disreputed, and we get the Reputation of Killing, instead of Curing, the Patient.

This did, at length prevail, and we went on with the first-directed Course, but to no purpose; for, tho' the Medicines wrought with him, as expected, yet he declin'd daily, and in a Week, or thereabouts, dy'd.

OBSERV. VII.

A something-like Case to this I had in one Mrs. *Frisby*, of *Coton*, near *Bosworth*, in *Leicestershire*, aged 45. She was (about a Year and a half before she came hither) seiz'd in her Bed with a *Palsie*; and finding

no Advantage by what Means she used in the Country, was, at length, sent hither about the middle of *June*, 1677. by the Advice of Dr. *Harrington*, of *Baggeworth*, in the same County. Tho' she had been prepar'd by *Bleeding*, *Purgings*, &c. both before and after she came hither, yet upon *Bathing* she apparently grew worse, especially in her *Speech*, which very much discourag'd her in proceeding farther; and indeed I was not very importunate with her for her longer Stay, lest the great Bell should have rung out for her here; for then Enquiry would have been made whose Patient she was? not what Distemper she had? or whither a due Method had been used for her Recovery: But with the Vulgar (who measure all things by the Success) the Physician that doth not Cure shall be sure to have the Reputation of Killing the Patient that dies; be the Disease (or the Patient) never so much uncurable. I return'd her back therefore to him that sent her hither, with Advice to use *Antiscorbuticks* and *Cephalicks*, and never since heard any thing of her.

O B S E R V. VIII.

But where I have met with one Example of this uncomfortable sort, I cou'd name you twenty that sped in their Errant; amongst which is one, long since made publick (but upon another Occasion) in the *Philosophical Transactions*, N. 169. Pag. 944.) by Dr. *William Musgrove*, then of *New-Colledge*, in *Oxford*, now living in the City of *Exeter*, to whom I sent the Relation, upon his Request, by Letter. It is of one that had not only what she came for, a Cure of her *Palsie*, but also what she did not then think of, nor hope for: Having been twelve Years marry'd, and never was with Child till after her second coming to the *Bath*; (when she stay'd the whole Season out, from *March* to *Michaelmas*) as soon as she return'd Home to her Husband (at least within a Month after) she conceiv'd with Child, and had five strong, and lusty Children, at a Year, or a Year and a halfs distance one from another, four Daughters and a Son. Her Husband's Name was *Dresserwait*, an Attorney at Law, and liv'd then in *Wiltshire*, but afterwards had an Employ for the Cathedral Church at *Wells*, to keep their Courts, and therefore liv'd there;

there ; where I spake with the Mother, and saw four of the Children (the Son dying young, of the *Small-Pox*,) likely to make proper Women. The Mother dy'd of a *Consumption* Twenty Years after her Recovery from the *Palsie*.

OBSERV. IX.

I shall only mention two more ; who, tho' I cannot say they had Children, as well as Help in a *Palsie*, yet I suppose they did their Endeavours for it ; for they were both marry'd out of my House, whilst they lay here, perfecting their Cures : The one a Widow, between Thirty and Forty Years of Age, the first Year of her coming for Remedy : The other a Virgin, and a modest (comely one, aged One or Two and Twenty, in the second Year of her coming to the *Bath*. Whether the convenient Scituation of my House contributed any thing to it, (having on one Side a Gallery, and a Door that goes into the *King's-Bath* (the best for *Paralytick* Persons, it at least they can bear the Heat of it) and on the other Side, out of my Garden, a private Door into the Church, entring by which, less notice might be taken of a limping Bride,) I leave to the curious to determine.

mine. But to be sure it goes well with the *Individuum*, when Care is taken for propagating the *Species*. I must beg the *Reader's* Excuse for not naming the Persons; I forbear it, for fear of incurring their, or any of their Relations Displeasure. But if any body question the truth of it, and be so curious as to desire to be farther satisfied in it, I can inform them; for I have their Names by me, and the times when they were here; using the *Bath*.

OBSERV. X.

I shall conclude this Chapter with telling you, that it is not only for Cure, but for Prevention also, of *Palsies*, that many resort hither; when, by some Previous Symptoms, they have had great Reason to apprehend the *Palsie* threatening them. Amongst such (and indeed he may excuse the mention of any more) Sir John Gell, of *Hopton*, near the *Peake*, in *Derbyshire*, Knt. and Barronet (a great Friend to the *Bath*, and indeed the *Bath* was so to him) for Twenty Years together, was a constant Frequenter to this City, for the Use of the *Bath*, but mostly of the *Bath-Pump*.

His usual Custom was (in Dr. *Venner's* time, before I was concern'd with him) after a Purge or two, to go into the *Queens-Bath*, for a quarter of an Hour, and then immediately to the *Pump*, where he seldom took less than Seven or Eight Hundred Pumps the first day, upon his bare *Head*, and increased every day Two or Three Hundred, till he came to Fifteen Hundred, at last to Two Thousand, and so went on to do three or four days in a Week, sometimes more, for Five or Six Weeks, (the usual time of his Stay here) abating towards the Conclusion, by degrees, as he increased at the beginning, but seldom had the fewer than Five or Six Hundred at a time; after which he *Purged* again at Conclusion, and went hence, to his own House, to Hawk (after the Harvest was in) for a Month or Five Weeks, and then return'd to his House in *St. Martins-Lane*, to Winter; and stay'd there till he came again next Summer to the *Bath*, and again into *Derbyshire*, as above. Thus did he Year after Year, as long as he was able to take Journeys, and till Age, and a *Scorbutical Dropsie*, confin'd him to his House in *London*, where he dy'd in the Eighty-second Year of his Age, and had no Symptoms of the *Palsie* (more than what at first brought him hither) to his dying day.

I do not remember that after I had the Honour to serve him as his Physitian (which was the first Summer after Dr. *Venner's* Death, and that was in *March*, 1660.) that he *Drank* often or much of the *Waters*, and before to be sure he did not; for that old Gentleman was no Friend to *Water-drinking*. I perswaded him sometimes to a Bocket of the *Woods*, and *Cephalick Herbs*, of which he would *drink* very regularly, and take sometimes (tho' rarely) of an *Antiscorbutick* and *Cephalick Electuary*. That which made Sir *John* to fear an *Impending Palsie*, and to come hither to prevent it, was, A *Stupor* and *Dullness* sometimes in his Head, and a seeming *Clout* about his *Tongue*, and a kind of *Creeping*, and *Sleepiness* (as they call it vulgarly) upon *Arm* or *Leg*, sometimes one, sometimes another, and a kind of *Clumsiness* whilst it remain'd there. But all these Symptoms vanished, after he had a while used himself to the *Bath*; and he dy'd at length, as is already said.

CHAP. V.

Palsie after the Cholick.

THere is another sort of *Palsie*, besides those that are consequent to *Apoplexies*, *Epilepsies*, or *Convulsions*, and that is what follows after *Bilious Cholicks*, *Rheumatisms*, and sometimes *Feavers*, but most frequently after the first; of which, *Franciscus Citefius*, Physitian to the King of France, and his great Cardinal *Richlieu* hath written a *Treatise ex professo*, and calls it *Dolor colicus Pictonicus*, in his *Opuscula Medica*, in 4to. *Parisiis, mecum*, Pag. 167. and of which, *Sennertus*, *Crato*, and all, or most, that have written a *Praxis* of Physick, or Observations, have made frequent mention. This is allow'd by all to be caused by a μεταστάσις, or Translation, of the *Morbifick Matter*, from the *Intestines*, to the *Nervosum Genus*, or at least, to the Original of some of those *Nerves*, that Branch from the *Spinal Marrow*. I have seen in some Patients the *Arms* only, and not the *Legs* render'd useless, & *é Contra*; at least one part more enfeebled than another; in others, all parts, from *Head* to

G 2

Foot,

Foot, altogether Relaxed, some with Pain, some without it; but in most a Colliquation, even of the *Musculous Flesh*, which (by the way) seems to countenance the Opinion of those that assert the Conveyance of Nourishment to all parts, to be by the *Nerves*, and not by the *Arteries* and *Veins*; these latter supplying only Oyl to the Lamp of Life, and continuing the Stream that drives about the main Wheel that keeps the *αὐτοματον*, (the Machine of an Animal Body) in Motion. Whither this Bilious Matter relaxeth only the *Nerves*, or by its being Coagulated, stops the Passages that the *Animal Spirits* cannot find their way to irradiate them, or how otherwise affected, is already referr'd to the nicer Enquirers into *Theories*. It is enough to our purpose here to give some Instances amongst many (for I find no one Distemper more frequent among my *Adversaria*, nor in none more eminent Recoveries than in this) of Person thus disabled, to have been restor'd by the Assistance of the *Bath*, and the *Bath-Waters*.

OBSERV. I.

I begin with a Minister of *Lincoln-shire*; one Mr. *Pickinton*, aged 33, who came hither

ther in May, 1666. He liv'd near the *Fenns*, to which *Uliginous Air*, was ascrib'd the beginning of his Illness. After such a *Collick* he was Crippled, and Emaciated all over; his *Legs* were in some measure, recover'd before he came hither, for he could go, tho' but feebly, and had not much Pain, but his *Arms* and *Hands* were wholy useles, and hung like Flayls. He could not lift either of them to his *Head*, nor grasp any thing with his *Hands*; the great Muscle of the *Thumb* (wherein chiefly consists the Strength of the *Hand*) was quite wasted. He could not feed himself, much less put off and on his own *Cloaths*.

After Preparatory *Purging*, I put him upon *Drinking* the *Waters*, to prevent the Return of his *Chollick*, (for he had had some Threatnings of a *Recidivation*) and a *Chalybeat Course*, and *Bathing* between whiles, as his Weaknes would bear it. The first Instance of his being better, (with much Joy, to shew his Improvement) coming to my House, he put off his Hat to me; for tho' he was a Clergy man, his Disease had made him so much a *Quaker*, that he could not perform that accusom'd Civility to any one, till after a whiles *Bathing*. Before he went hence he could write his Name competently well, that could not hold a

Pen in many Months before: He stay'd Six or Seven Weeks, and then return'd greatly advantaged, and directed to the Use of *Antiscorbutick* and *Neurotick Alteratives*; and to return the next Year, which he did, and perfected what he had so well begun the Year before.

OBSERV. II.

A young Gentlewoman, not long marry'd to one Mr. Kenricke, (afterwards Sir William Kenricke) came hither in July, 1663. from her Father's, Mr. Kilblewhites, in *Berkshire*, in the Vale of *White Horse*, about Ten or Twelve Miles from *Oxford*; which I mention, because she had been a long time a Patient to Dr. Willis, and (if I mistake not) carry'd thither, and Lodged there, for the greater Conveniency of his daily seeing her.

After some Months, finding little or no Ease or Strength, by his most industrious, as well as knowing, Prescriptions, came against his Will, and Approbation, hither, (and indeed he never was a Friend to the *Bath*, as was intimated in the *Preface*, and is mention'd in my Lady Dowager Brooke's Case, which may also be gather'd from some of his Observations, and (if I mistake not) in

in this very Gentlewoman's Case.) She was violently pain'd in *Bowels* and *Limbs*, both *Joynts* and *Musculous Parts*; and so tender, that she could not endure to be touch'd, but would cry out; she had *Convulsion*, or *Hysterick Fits*, withal, and was wasted and emaciated even to a *Skeleton*. She was with no small difficulty, and trouble to her Attendants, as well as Pain to herself, brought hither in a Litter; and when permitted to bathe, let down into the *Bath* in a kind of a *Cradle*: She had some ease by the *Bath*, but no Strength nor Stomack; she was therefore put upon drinking the *Waters*, and used *Chalybeats*, *Antiscorbuticks*, and *Cephalicks*, and (as her necessities requir'd) *Anodynes*, *Cordials*, and *Hystericks*: She used first the *Cross-Bath* only, some decrying the *King's* and *Queen's*, as too hot and fierce, (for in this place there are those that would set the *Baths* at Variance, as well as the Inhabitants, several speaking, as their Interest leads them) but the Truth is she had Ease by the *Cross-Bath*, and drinking the *King's-Bath-Waters*, but no Strength till she bathed in the *Queen's* and *King's-Bath*, and that would not be permitted to be, till her second or third coming hither.

She came three or four Years following, at first; and then at four Years distance, and at Six, and had Children between, which hinder'd her coming.

One thing peculiar I observ'd in her, The *Optick Nerves* (as well as all the rest of the *Nervosum Genus*) bore a great share in this her *Universal Enervation*, for it impair'd her Sight very much; which also was by degrees restored, as the rest of her Body encreased in Strength. The last time she was here (if I remember well) was in the year 1675. She had several Children in, and after, this great Illness, and left some when she dy'd, which was at length, (as I have been inform'd) of a *Consumption*.

OBSERV. III.

A comely young Gentlewoman, not much above Twenty, (whose Name I must beg leave not to mention, she having declar'd an utter Aversion to it) was brought hither out of *Suffolk*; I should have conceal'd even the County too, but that it is of moment to mention it, that it may appear, that even in clear Air, and dry Soyles, these kind of Distempers sometimes seize, as well as in Marshy, and Fenny Places.

She was in so weak a condition when she first came hither (which was in *July*, 1689.) as not to be able to help herself in the least. The beginning of this Illness was a *Rheumatism*; she was first taken with a *Weakness* in some of her *Joints* only, and after two or three Days, was wholly disabled, not capable to stir *Hand* or *Foot*; after that, most violent Pains seiz'd sometimes one part, sometimes another, so that she lay in very great torture. By the Advice of her Physicians there were taken at several times above forty Ounces of Blood; she took also Abundance of Medicines, such as *Antiscorbuticks*, the *Sarsa-Drink*, &c. at length, when she had some little ease, so that she was able to bear the being held up in a Coach, (for she was not able to help herself in the least, with *Hand* or *Foot*) she was brought to the *Bath*, where (by the Blessing of God, upon these *Waters*, and other Means used here) she receiv'd Benefit the first Year, which encourag'd her Friends to bring her a second time, and was able then to use *Hands* and *Arms*, and to walk, tho' feebly. She apparently recover'd more Strength, whilst she was here this second time, but did not think fit to come the year following. The account of her first Seizure, and Proceedings, I had from

from a very kind Brother of hers; almost *Verbatim*; and with it her Reasons why she would not have her Name publish'd; the chief was pretended to be, because she was not perfectly well, having still some *Weakness* in her *Limbs*, especially in her *Ankle Joints*, and walk'd with some Difficulty and Pain. If it be so, it is certainly her own fault; for that Means, that (by using it at two Seasons only) recover'd her thus far, would certainly, in a little time, have perfected the Cure, had she follow'd it (as she ought to, and others, have done) Year after Year, till she had been, (as she desires to be) perfectly Eased, and Strengthen'd.

I mention thus much of this Case, (tho' I have been desired not to mention the Name) in Hopes that this Book may fall into her, or some of her Relations, Hands; and put her in Mind how much she hath been wanting to her self; and to warn others not to give over the Use of the Means, that they have had the least Benefit by, till they have attain'd the wish'd Effect.

OBSERV. IV.

A very Honourable Lady, and a Person of great Quality, whose Name and Title, I suppose I may (without fear of Reproof) venture to insert, because she hath been pleased, Frequently and Publickly, to ascribe her Recovery to these *Waters*; and hath favour'd me with a particular Leave so to do.

It was the (then) Countess of Mullgrave, now Lady Marchioness of Normanby. She was sent hither by Dr. Lower, in May, 1688. and by him recommended by Letter to my particular Care (as he had done many before, that he could not perswade to go to *Tunbridge*). Her Honour's Condition was somewhat worse than the Persons last mention'd; for besides that her Ladyship was altogether as helpless, after a *Bilious Cholick*; she was more Emaciated, Stomachless, and frequently in Pain. The Hips, Knees, Ancles, Feet, Arms and Fingers, Contracted; the *Morbifick Matter* being wedg'd into the *Porosities* of the *Tendons*, (which was almost all that remain'd of the *Muscles* of every part) insomuch, that when they were endeavour'd to be (tho' gently) forc'd out, as was Reason to attempt

tempt often to do, her Ladyship would cry out, as if cut with Knives.

Her *Ancles* were so much drawn inward, that when it was endeavour'd to set her up-on her *Feet*, the *Soals* could by no means be made to come flat to the Ground; but the weight of her Body would thrust out more her *Ankle-Joynts*, so that we were forc'd to desist from that Attempt. Her Ladyship began here with *drinking* the *Waters*, (having taken *Purges* before she came down) and sometimes of the day some Spoonfuls of Dr. *Lewer's Bitter Infusion* with *Steel*, which was brought down with her. She was continued in this Course a Fortnight, or Three Weeks before she was put into the *Cross-Bath* (for her Ladyship used no other) and then but a little while at first; not past half an Hour at a time, and that but once in Three or Four Days, or every other day when most, for the first Month, or longer; the days between *drinking* the *Waters*, and continuing the *Alteratives*. This recover'd something, an *Appetite*, but little Alteration made upon the *Infirm Limbs* the first Six Weeks. Her Ladyship had, by reason of her violent Pains, so accusom'd her self to *Laudanum*; that we had something to do, to take her off from it; but, at length, it was, by degrees pretty well done, and after

that

that she apparently got Ground. She would at length suffer her *Legs* to be laid streight, and be set up upon her *Feet*, when we had got for her flat single-soal'd Shooes; nor would her *Ancles* then turn out so much: Her Ladyship could hold a Plate in her *Hand*, and bring a Fork to her *Mouth*, to feed her self, which at first she could no ways do, nor suffer to be done, for a long time before. These little Improvements were the most we could bragg of, after almost Three Months stay here, at which time (the Season being then very Hot, and therefore unfit for her farther *batking*) her Ladyship return'd, lying on a Bed in the Coach as she came hither; but endur'd the Journey back much better than when she came down, and improv'd daily after her Return, till she arriv'd at a considerable pitch of Health and Strength, and Activeness; which I was an Eye-witness of, the Spring following, when I was to wait upon her Honour, at her Lord's Lodgings, in *White-Hall*, my Lord, her Husband, being then Lord-Chamberlain. And I have, several times since, heard that her Honour hath continued, without any Relapse into the like Condition, to the time I write this Account of her Case.

OBSERV. V.

The next Case I instance in, seems to be a Complication of *Rheumatism* and *Cholick*, (or rather *Antritio Ventriculi*, as *Sennertus* calls those violent *Stomach Pains*) and to be sure a high Mixture of the *Scorbute* withal: But the *Weakness* and *Decay* of the *Limbs*, the same, if not greater than either of the former; but the *Prefaces* to those *Weaknesses*, and *Decay* of the *Flesh* in the *Limbs*, were, at first, more *Rheumatick* than *Collickal*; the *Pains* seizing (after that of the *Stomach*) the *Musculous* Parts, as well as *Joints*; and last of all, mostly in her *Heels*, especially when warm in her *Bed*; and in all these Parts the *Pains* very acute; and after which, follow'd the *Weakness* in all her *Limbs*, and wasting of all the *Musculous* *Flesh*.

It was the Wife of *Thomas Beare*, Esq; a *Devonshire* Gentleman, but Daughter to *Robert Longe*, Esq; of this County, and a Neighbour to the *Bath*.

She was past Forty Years of age when this Illness came upon her; she had (by Fits) *Pains* also in her lower *Bowels*, and (what was peculiar in her Case) did sometimes avoid *Blood* by *Stool*, in considerable quantities: After the *Pains* ceased, she complain'd

that

that her *Belly* seem'd to be bound about as with an Iron Hoop, (it was her own Expression) yet no hardness appear'd to the touch in those parts; the disorder of the *Nerves* had so much deprav'd her sence of Feeling.

Yea, the *Totum Nervosum Genus* was so enfeebled, that all Parts bore a Share; it was trouble to her to breathe; her *Lungs* mov'd so heavily, that it was Pain and Labour to her to speak; nor could she well bring out her Words; a little Talking would quite dispirit her. Her Stomach had neither Appetite nor Digestion; and all her Bowels were benumbed, and seem'd ty'd as with a Cord.

She could not lift an *Arm* to her Head, nor grasp any thing in her *Hands*, nor support her self with her *Legs* and *Feet*; her Weakness being most in the lower Parts; and the *Muscles* of all Parts quite fallen flat. In this deplorable Condition was this poor Gentlewoman brought to the Bath in May, 1690. Dr. Musgrove, then of New-Colledge, in Oxford, now living in Exeter, was joyned with me in Consultation about this Patient, here at the Bath; but when at home she had the Assistance of old Dr. Dyke; near Taunton; and Dr. Osmond, an ingenious Physician, of Exeter. By Dr. Musgrove's Advice

Advice and mine she was first put upon gentle *Vomitings*; *Carduus-Pesset-Drink*, in large quantities, and *Oxymel of Squills*, or *Wine of Squills*, was the strongest Vomitive we ventur'd at, and those urged no farther than her present small Strength would permit; after that she began upon *drinking* these *Waters*, at first in small Quantities, increasing by degrees: After a while *drinking* she was put into the *Cross-Bath*; where, at first, she stay'd but half an Hour; but finding Ease there, she ventured to stay longer at a time, and *bathed* every day, for Three Weeks together, contrary to the Opinion of her Physicians, yet was not (as was fear'd) fainted, or more enfeebled by it, but rather got Strength, as well as Ease by it. And whereas, with others, *bathing* usually takes off the *Appetite* from every thing but Drink, hers increased upon it. She was advised, in all this time, *Chalybeats*, and a *Bitter Wine*, and *Antiscorbutick Julips*, and now and then a *Solutive*, rather than *Purg-ing Medicine*; but she took but little of the former. Thus she continued to do till the hot Season came on, when it was thought advisable, to give her some Respite, by returning her to her Father's, who lives near this City; where she stay'd till towards the end of *August*; about which time she return'd again,

again, and follow'd the ſame Courſe for a Month. She recover'd in her Receſs, both as to *Stomach* and *Strength*, in ſome meaſure; but more apparently at this ſecond Coming, and continued ſo to do the following Winter; only ſubject to frequent *Vomitings*, of *Viſcous Phlegm*, and *Acid Juices*, in which Caſe ſhe found nothing ſo advantageous to her as *Sherry*, mull'd with *Sper-Mint*.

She came again the *Summer* following, and ſo a third Season, but more to Confirm the *Health*, and *Strength* ſhe had got by the firſt, than to enter upon any new Courſe, or to repeat the old. She held well, and her *Stomach* return'd; her *Muscles* were reſtor'd Plump and Full, and was at length, (in all Circumſtances) as ſhe had been for ſome Years before this Sickneſs ſeiz'd her; yet ſince was threatn'd with a Relapſe into the ſame Weakneſs, tho' ſhe had not violent Pains, but ſome Decay of *Stomach*, and Feebleneſs of *Limbs*, for which (whiſt ſhe is at her Father's) ſhe drinks the *Bath Waters*, not without conſiderable Benefits.

OBSERV. VI.

The Right Honourable *Nicholas*, Earl of *Thanet*, aged between 50 and 60; came
H
hither

hither in *August*, 1677. very feeble in all his *Limbs*, but especially in *Arms* and *Hands*; he had scarce a Muscle upon either, left visible; not able to help himself in any respect. The *Ligaments* at his *Shoulders* were so relaxed, that his *Arms* hung like Flayls, and he threw them forward and backward, rather than moved them; with this *Weakness* of *Limbs* he had Decay of *Appetite* too, and *Digestion*; nauatiated every thing, and was fallen away, even to a Skelliton; and all this the effect of a *Bilious Cholick*, which continued long upon him.

After the Translation of the Matter to the *Nerves*, he was, by Fits, at ease in his *Bowels*, but thus weakened in his *Limbs*, for which he came to the *Bath*. I had the Honour to advise him, having been Physician to the Lady Dowager his Mother, who was sent hither by Sir *Fohn Micklethwait*, to prevent a *Palsie*, to which she had many Previous Dispositions, and at length dy'd of an *Appoplexy*.

My Lord both drank the *Waters*, and bathed, took *Alteratives*, *Apperitives*, and *Antiscorbuticks*, and by Degrees, got *Stomach*, *Ease* and *Strength*, but stay'd Two or Three Months for it. His Lordship came several times after to confirm, what he at first attain'd; of what his Lordship dy'd after-

afterwards, and when, I have not been inform'd.

OBSERV. VII.

Mr. Pettit, of Reading, came hither, May, 1681. as weak, or weaker than any in this Case before-mention'd, and was here recover'd by the like Methods. Dr. Baynard and I were joyntly concern'd in directing for him, and managing his *drinking the Waters*, and *bathing*.

It would be too tedious to give a particular Description of every ones Case that I have to instance in upon this Head; let it suffice then that I name only some Persons, and the time of their coming, and the Success they had, since there was but little difference in their Symptoms, and Methods of Cure.

1. From Ireland, whence I have had very many in this Condition; as namely, 1. Sir William Davis, then Recorder of Dublin, afterwards Lord-Chief-Justice of Ireland; he came first in July, 1686. and was recover'd.

2. Sir William Tychborne, whose Estate lay near Lymrick; he came first in June, 1674. and was here several Years after, and had perfect Recovery.

3. Sir *John Cole* was here in the same Errant, in *June*, 1671. and several Years after, and at length, recover'd also.

4. Alderman *Best*, an Alderman of *Dublin*, came in *June*, 1680. and several times after, and was restor'd to Strength.

5. Capt. *Harrison*, a Gentleman, that marry'd Bishop *Taylor's* only Daughter, had lost the Use of his Hands after the Cholick, and here recover'd them.

6. Mr. *Lawrence Hodson*, with many more, which I omit, for fear of being too tedious.

II. From the Isles of *Guernsey* and *Fersey*, many have been sent to me under these Weaknesses of Limbs, by Monsieur *Sallanoue*, an eminent Physitian and Chyrurgeon, of the Isle of *Fersey*, and were sent back recover'd; by name,

1. Madam *Patriarch* (a Kinswoman of his) came first in *June*, 1672. and several Years after.

2. Mrs. *Martyn* from *Guernsey*, in *June* 1679. had a remarkable, and speedy Recovery.

3. Monsieur *Peter's*, a Chyrurgeon from the same Island. *Cum multis aliis*, &c.

III. From the American Plantation

1. Coll. *Hallet*, from the *Barbadoes*.

2. Capt. *Richard Hallett*, his Brother.

3. M

3. Mr. Bond, an eminent Planter, and an ingenious Gentleman.

All, and many more, for the same Loss of *Limbs* after the *Belly-ach*, (for so they term this *Pictonic Cholick* in those parts) were here relieved; if not perfectly restor'd to Strength.

CHAP. VI.

Of a Scorbutil Palsie.

BESIDES those already mention'd in the fore-going Chapters, there was another sort of *Enervated*, or *Paralytick Patients*; many of which sort have been under my Care also, and have found no less Advantage than those already instanced in. These being like *Palsies* in many particulars, I think it not improper to bestow a Chapter upon them, and here to insert it, as nearest of Kinn to *Palsies*.

Tho' the Cases following may, in many Circumstances, seem to differ one from another, yet all agree in this, that the *Limb* or *Limbs* affected are rendred less useful, if not altogether useless. These (for distinction sake, if for no other reason) I

call *Scorbutil Palsie*; not seizing of a sudden, but coming on by degrees.

1. Sometimes enfeebling the *Totum Genus Nervosum*, and then the *Head* it self, and all parts from thence downwards, have had a share in the *Enervation*: the *Head* tottering, and unsteady; sometimes dosed, and stupid; subject to *Giddiness*, not able to guide the *Feet*, which too, but feebly, if at all, support the rest of the *Body*.

2. The *Arms* and *Hands* in some forced to odd *Motions* and *Gesticulations*, like those of *Changlings*, and referrable (I think) to that sort of *Convulsive Motion*, which goes under the name of *Chorea Sancti Viti*.

3. Sometimes one Side only, *Arm* and *Leg* weaker than ordinary, and numm'd, but not altogether useless.

4. Sometimes the *Arm* of one Side, and the *Leg* of the other.

5. In others the lower parts only, the upper remaining not at all debilitated. Persons thus affected have had manifest *Scorbutil Symptoms* upon them long before these *Weaknesses* began. Some have had *Previous Head-ach*, and *Virtigoes*; others have thus declined in *Strength*, in or after *Fevers*; and after *Concussions* and *Contusions*.

6. Some have been thus affected in their lower *Limbs*, from some of the *Vertebrae* of the

the

the *ack* or *Loyns* started out, and from thence downward have had, no Sense nor Motion. These (generally speaking) have not been altogether so long before they receive Benefit, as those that have been seiz'd by a sudden Stroak; tho' this also requires Time and Patience; and more than once coming to the *Bath*; and strict Use of Inward Means, *Cephalick* and *Antiscorbutick*.

To give many Instances upon every one of these mention'd Particulars, would be to enlarge too much what was intended only for a Specimen. Let it suffice therefore, that I give two or more upon each of the more remarkable ones: And first,

Of those that have been Relaxed all over, from *Head* to *Foot*.

OBSERV. I.

I begin with an only Child, and Daughter of my Lady *Colchester's*, (Daughter to the then Countess Dowager of *Derby*) aged 13. She had been under the Care of Dr. *Burlace*, of *Chester*, and had the Advice also of Dr. *Berwick*, at a distance. The former gave her, for the most part, *Cephalicks*, and made her to use an Artificial *Bath*. The latter by Letter (for he saw not the young Lady, but had an account of her Case in

writing from her Lady-Grandmother) advised the *Testacious Powders*, and the *Bitter Infusion*.

After a long times Tryal of this, and other Means, my Lady her Mother came with her to the Bath in June, 1681. She had a perpetual *Stupor*, and *Dullness*, in her *Head*, and lay as if always asleep, and spake not but when forced to it, and then both unwillingly and imperfectly; she could not feed her self with *Hands*, nor support her self with *Legs* and *Feet*: She had not *Strength* in her *Neck*, to keep her *Head* upright, when she was held up between two, but it fell (by its own weight) to one side or t'other.

After some Preparation (for her Lady-Mother was against taking much, saying, *She had been cloy'd with Physick before, to no purpose*) she was put into the Bath: For tho' her Case had been judg'd to be an *Imposthume* in her *Head*, yet I thought it rather to be *In genere Paralytic*, and proceeded accordingly. After a while's *bathing* (by which she was, to all Appearances, neither better nor worse) I urg'd her Lady-Mother to have her let Blood in the *Jugulars*; to which her Ladyship did not easily encline, and the Daughter was very much afraid of a *Lancet*, and therefore very averse to it. I at length obtain'd of both, that (at least)

Leeches

Leeches might be apply'd there, which was done effectually enough; for they all fill'd themselves sufficiently; and when they fell off, by Sponges dipp'd in warm Water, the Orifices of the *Veins* were kept open for some Hours, till she was tired, by being held so long upright; then a *Plaister* being apply'd to each place that bled, she was laid down to her accustomed Repose. About the middle of the Night the Nurse awaking, and looking towards her, observ'd the Pillows, on which her *Head* and *Neck* rested, to be very bloody; which sight greatly affrighting her, the People were call'd up, and the *Apothecary* that apply'd the Leeches, was sent for; and I was (with difficulty) excused from being disturb'd also. She had indeed bled very much, but no ways faint, or dispirited by it, but rather relieved. Nature having this Vent given it, discharged that Burthen which had a long time oppress'd the Brain.

From this time she apparently got Ground, being better able to bear *bathing*, and with less Regret, took *Alteratives*, which were (mostly) *Cephalicks*, and *Antiscorbuticks*, and (if I remember well) some *Chalybeats*. She Purg'd between while, and was, at length, perfectly recover'd of this Distemper, and liv'd healthily, and chearfully; some

some Years alter; yet the poor Lady her Mother was (after this joyful, because almost unhop'd for, Recovery) left at last Childless, by this her only Daughter's dying of the *Small-Pox*, or *Fever*; I remember not well which, but die she did, in some Years after, as I was inform'd.

OBSERV. II.

Katherine Jenkins, from *Cowbridge*, in *Glamorganshire*, in *South-Wales*, aged 23. after a long continued *Ague*, which was, at length, put by, for a time, with the *Jesuits Powder*; and (after its second and third Return, wholly put off by the same; had all her lower Parts, from the middle of her *Back* downwards, wholly Relaxed, that she could by no means, stand upright. She was brought to the *Bath* in *July*, 1692. *Madam Windham*, of *Dunneraven*, (Serjeant *Windham's* Lady) lodging then in my House, for a *Lameness*, (of which we may hereafter have occasion to speak) desired me to go and see her, and to give her my Advice; for she had been a Servant (and I think, was again, after her Recovery) to her eldest Son's Wife.

I found her at the Inn, newly brought to Town, greatly enfeebled indeed. I put her

her (after Preparation) upon *drinking* the *Waters* first, and then *bathing*, and inward Means withal; by which (in a Month, or Five Weeks time) she perfectly recover'd, tho' some Physicians in *Wales* had greatly discouraged her from coming.

She held well all the following *Winter*, only had, by Fits, some Pains in the *Small of the Back, Thighs* and *Knees*. In *March* those Pains began to increase, and black Spots, like Stripes and Pinchings, here and there appear'd; the *Weakness* also, in the lower *Limbs* beginning to return, she came again to the *Bath* in *June*, 1693. and stay'd not past a Fortnight, and was very well recover'd, and held so; for in *July*, 1694. she came (in other business) to this City; and I, by chance, met her trigg and lusty, in the *Market-Street*, and did not presently know her, till she spake to me, and told me who she was, and thanked me for my former Advice to her, and owned that she was perfectly well of all the *Weakness* and *Pain* that she formerly came to the *Bath* for.

OBSERV. III.

Whilst (at my leisure Hours) I am recollecting these *Memoirs*, to fit them for the Press, there is a young Lady, about 13 Years
of

of Age, brought to the *Bath* in much the like Case. My Lady, her Mother (a Person of considerable Quality, but I have not leave to mention her Name) being very solicitous for her Recovery (it being (if I mistake not) her only Daughter) and of which she hath hitherto almost despair'd; desired my Advice, and utmost Assistance in the Case. It was a *Lameness* from a more than ordinary *Weakness* in the *Back*, so that she could not so much as sit upright in a *Chair*, much less stand, or suffer to be held upright. The *Lumbal Muscles*, and perhaps the *Vertibræ* of the *Loyns*, (tho^e they did not start out) being Relaxed and Enfeebled. Moreover, when she was forced into an upright Posture, or put into a *Swing* (which also was sometimes done whilst she used the *Bath*; for my Lady, her Mother, was greatly apprehensive of her growing aside) she complain'd of a *Pain* and *Streightness* all athwart her *Belly*; the *Muscles* of the *Abdomen* being probably, contracted, by her so long leaning forward, and yielding to the *Weakness* of her *Back*; and when forced out, by a more erect posture, it was painful to her.

The beginning of this *Lameness* was a violent *Fever*, which after some few Days very great Illness, settled upon the lower

Parts,

Parts, and remain'd there, with the Inconveniencies above-mention'd, many Months after the *Fever* was removed, even to the time that she was brought to this place.

After due Preparation, she began with *drinking* these *Waters*, and then was permitted to *bathe*, which she did a Fortnight or more, before any considerable Alteration to the better was discoverable; but from that time, upon her *drinking* some days together, and *bathing* other some (in their turns) and Purging between whiles, she, at length, recover'd so well, as to be able not only to go alone, and very streight, and upright, but very nimbly also, up and down Stairs; without any the least Pain or Disquiet, or the least appearance of Crookedness, which was her Lady-Mother's chiefest Fear.

She *bathed* in all Thirty times, and *drank* as often, and went from hence well, *Octob.* 7. 1695.

OBSERV. IV.

Mrs. *Budghill*, of *Exeter*, a comely young Gentlewoman, about Five and Twenty Years of Age, was much in the same condition as was the first mention'd, only her *Head* was not so much dosed, had but little Alteration
of

of her Speech, but all parts else enfeebled and benumm'd, but especially the lower parts, so that she could neither stand nor go, and the sense of Feeling was deprav'd in all Parts.

She had been under this Weakness some Months, and had try'd several means by the Directions of Dr. Heale, (a worthy Physitian of those Parts, who marry'd her Sister) and of Dr. Davy, and Dr. Bidgood, both eminent Physitians of Exeter, and some others of meaner note in that Country. She was, at length, brought hither in June, 1682. by her Mother, and that Brother-in-law of his, Dr. Heale; and after due Preparation, by his Advice and mine, was first put into the *Queens-Bath*, afterwards into the *King's*; and after a whiles *bathing*, was pump'd, and taking *Alteratives* withal, (*viz. Cephalicks* and *Antiscorbuticks*) she, at length, very well recover'd the perfect Use of, and Sense in, all her Limbs.

OBSERV. V.

Mrs. Pierce, of the *Devises*, in the County of *Wilts*, (Wife to a near Relation, and good Friend of mine) aged Thirty-three. In the beginning of the year 90. being then with Child of her fourth or fifth Child;

Child ; and having been usually sick at Stomach, as many breeding Women are ; when she had gone about half her time, an excessive *Vomiting* seiz'd her, insomuch, that, for a time, she could not keep any thing within her. When that ceased, a *Numbness* in her *Limbs* ensued, accompanied with violent Pains, which never left her, till it had wholly depriv'd her of the Use of *Arms, Hands, Legs and Feet*, and render'd her utterly unable to help her self.

Her very kind Husband call'd in to her Assistance two Physicians that liv'd upon the place ; sent also for me, and had Advice, by Letter, from two Physicians in *Bristol* ; we all prescrib'd what her present Circumstances would safely admit, without the hazard of procuring an Abortion, but all to no great Advantage, till she was deliver'd of her Child, which was in *November* following, and then seem'd perfectly recover'd, and continued so till the latter end of 92. when (being again with Child) the *Numbness* began with it, and the same *Stomach-Sickness* as before, nor could she then go without help. The same, or the like, Means was used again, but with as little Success, till she was deliver'd, and then (after her Month was out, and she in a fit Condition to endure a Coach) I having

ving formerly advised her Coming to the Bath, she was brought hither, and stay'd here Six or Seven Weeks, from July, 93. till September following; and by drinking the Waters, and bathing (by turns) and using Cephalick and Antiscorbutick Alteratives; and towards the Conclusion, pumping upon the most weaken'd Parts, and by God's Blessing upon all, she was very well recover'd, and hath so continued to this time, which is March, 96. tho' since she was here she had a Child, and was not so sick in the breeding of it as formerly; but had a sore Leg upon her first being with Child; which continued running till she was delivered, and then it heal'd of it self; to the Discharge, probably at which part, may be ascribed the Exemption she had from her former Illness; and therefore I advised an Issue, as near that part as could conveniently be made. She bread this Child more healthfully than any she had done before, and so continued to be Six or Seven Months after her Delivery; but the Child had Convulsion-Fits, and at length dy'd in a suddain, and violent one, on the 18th. of February, 1695. This was the third Child they so lost, since she was first seiz'd by this Distemper.

To prevent her own Relapse, and the same Fate to what Children she may yet have, I earnestly pressed the making of an *Issue*, which she had not then submitted to, and perhaps the more backward in it, because she her self was then so well as ever she was in her whole Life; tho' it had fallen severely on the Children she bore, whilst under this *Nervous Distemper*.

OBSERV. VI.

My Lady *Ingolsby*, of *Yorkshire*, brought hither a Daughter of hers, of about Fourteen or Fifteen Years of age, in *April*, 1684. Relaxed from *Head to Foot*; I think, after a *Fever*. When set upon her Feet, she was no more able to stand than a Cloth, but sunk, and gave off, at every Joint.

She was prepar'd for *bathing*, took *Alteratives*, (*Antiscorbuticks*, and *Neuroticks*) drank the *Waters*, when she intermitted *bathing*. In Three Weeks or a Months time she got so much Strength as to be able to stand, if set upright against a Wall; at length could walk her Chamber between two Maids, and before she went away (which was at Seven Weeks, or Two Months end) could go, tho' feebly, without leading. She went off at the heat of Summer, and my Lady, her Mother, sent her back (with a Maid on-ly to attend her) about the latter end of *Aug-*
I *gust*,

gust, or beginning of *September*, and she bathed on as long as the Season would well permit, and was so well recover'd before she went hence, that she danced at our Mayor's Feast, and not with the least Applause of any of the young Company that were then dancing with her.

She was, in a few Years, marry'd to Sir *John Arderne's* eldest Son, of *Cheshire*, whose Wife she now is (if both living). They were here in my House, in the *Summer*, 1693. with a pretty Daughter of theirs, about Two Years of Age, all in good Health.

He came to *drink the Waters* (by *Dr. Bateman's* Directions) to prevent the Return of a *Rheumatism*, of which he had, the Year before, a severe Fit; but neither the Mother nor the Daughter needed either *drinking* or *bathing*. In the like Case;

One Mrs. *Booth*, of *Cheshire*, brought a Daughter in *July*, 1688. She was about Eleven or Twelve Years old; she also drank the *Waters*, and bathed, and recover'd in Five or Six Weeks so well, as to dance a Jigg with great Applause, at a Ball, which the Gentry met at. A knotted Cane of her Fathers, which she used to try to go with, was hung up as a Trophy, upon the new Marble Structure in the *Cross-Bath*, erected by *John Earl*, of *Melford*, in Memory.

mory of Queen Mary of Modena's Bathing there the year before; it was the first, of that kind, that was hung upon it, and it continues there to this day.

OBSERV. VII.

Mrs. Elizabeth Waller, (Daughter to the Famous Sir William Waller, Lieut. General of the Horse in the Parliament Army, in the time of the late Civil War; aged Three and Twenty; was brought hither in August, 75. so Weak and Lame, that she was in no measure able to help her self, no more then a new-born Child.

She was carry'd in Arms. could not bring a Hand to her Mouth, nor stick a Pin in her Cloaths; so Weak and Dispirited, that they durst not adventure her in a Litter, because there could be no Body by her: But a Bed was laid in a Coach, and she laid upon that, and her Apothecary's Wife on one side, and her Woman and Maid on the other, with Cordials in their Hands, to support her. They drove but slowly, so that she was four or five Days in coming down. She was reduc'd to this Weakness after a Fever, which ended in some Cholick Pains, and those in a Diarrhea; all together reduced her to a Skelliton, as well as took away her Stomach, and

Strength of all her *Limbs*, from Head to Foot; she had been in this weak condition four Months before she was brought down. All her Relations, and Physicians also, despair'd of her Recovery, and gave her off as one that nothing farther could be done unto: Yet under all these Discouragements, having heard what great things had been done at the *Bath*, she was very importunate to be brought hither; but every Body was against it, concluding that she would die by the way.

It was, at length, permitted that she should have her Will; and part with her they did, not expecting to see her alive again: But it pleased God to order it otherwise; for she was not worse upon her Journey, and came at length hither, under the Circumstances above describ'd; and being recommended to my Care by Sir *John Michletwaite* (who was one of her Physicians). I indeed wish'd her safe back again, doubting whither she would ever be made sound here; but I conceal'd my Suspicions from her, and put her quickly upon *drinking* the *Waters*, but in very small quantities, lest her Looseness should be increased by it; so that it was for the Alteration of the excessive sharp Matter, more than Evacuation, that I prescrib'd them to her.

And

And whereas we gave to others Soluble *Tartar*, *Sal Prunell*, or *Crystal Mineral*, &c. to make them pass the better, I order'd her to take prepar'd *Coral*, *Crabs-Eyes*, and *Pearl*, in the first *Glass*. This answer'd the Design; for the *Diarrhea* abated upon it, and she got some Stomach, insomuch, that in a Fortnightstime, or thereabouts, (she greatly importuning it) she was put into the *Bath*; the most moderate one (to be sure) at first, and not suffer'd to stay past a quarter of an Hour, at most but half an Hour, at a time. She went on thus *batheing* and *drinking* by turns, about two Months, or nine Weeks, and got Strength by degrees, and at length a perfect Recovery; for she went back chearful, and well, in a *Hackney Coach*, and liv'd ten or twelve Years after, and dy'd, at length, of the *Stone* in the *Kidneys*, as I was inform'd.

The Care and Kindness of her Relations would not trust her with Servants alone, but sent down with her (as is before said) her *Apothecary's Wife* (a very kind, and careful good Friend, who had been marry'd seven Years, or more, and never had a Child; nor had she been told of the Efficacy of the *Bath*, in making Childless Women Fruitful, at least she had not Faith enough to believe it, or Courage to come personally to

try it: Her Concern only for the Safety and Welfare of this young Gentlewoman, would not let her trust the *Bath-Guides* alone with her, but she would, and did go in with her, her self; and, for the reward of her Kindness, as soon as she came back to her Husband she conceiv'd with Child, and at nine or ten Months end had a Son, and after that, a Child or two more. The *Apothecary's* Name was *Biscoe*; he lived at the *Unicorn* in *King-street*, in *Westminster*, over against the *Gate-House*, near *Pallace-yard*.

O B S E R V. VIII.

Fane Mosely, of *Clack*, in the Parish of *Lyneham*, in *North Wilshire*, aged 22; in *September*, 97. fell ill of a *Fever*, which ended in a Pain of her *Left Leg*; and after that, a *Stupor* or *Numbness*, insomuch, that when a Pin was thrust into it, she was no ways sensible of it; in a Fortnight after it began to swell, and to look blue and blackish, as if the Blood stagnated in it. In the beginning of *November* following, I being at *Sir Robert Buttons*, at *Tockenham-Park*, (which is in the same Parish) I was desired by my *Lady Button* to see this poor Girl, and to give her my Advice, which I did; and by a *Purging Electuary*, (which I pre-

scrib'd,

scrib'd, and my Lady paid for) and some *Antiscorbutick Alteratives* inwardly; and a *Bath* of warm *Cephalick, Neurotick,* and *Antiscorbutick Herbs,* for the lame Leg, outwardly; Life and Colour was brought again into the *Limb,* and Strength return'd by degrees. She continued pretty well, so as to work, (for she had nothing else to depend upon for a Livelihood) till *March* 81, when the same Leg began to grow weak again, without any previous Sickness, and the same Swelling, Tingling and Numbness affected; not only that *Leg,* but the other also, *Arms* and *Hands,* and all parts of her Body, in-somuch, that she became a Charge to the Parish. The Overseers of the Poor (willing, by laying out a present small Sum of Money, to save a constant Weekly Charge) sent her to the *Bath,* with a Letter from my Lady *Button* to me, in which she desired my Advice to her, and Care of her; what I prescrib'd before for her, having been so successful. I put her upon *drinking* the *Waters,* and *bathing;* but the Allowance of the Parish was so scanty, that she could stay but a Fortnight, yet in that little time had some Advantage, but not enough to enable her to work; therefore (upon the good Lady's Rebuke for not supplying her sufficiently to stay longer at first) they sent her

down a second time; and in a Fortnight more was so well recover'd, as to go to her Work again, and excused the Parish from farther Expence. I had the worthy Lady's Thanks, and the Parishes also. This Maid came to my House, *July*, 95. being waiting on her Mistress here at the *Bath*, to return me Thanks for my former Advice to her; she was then healthy and well; and had continued so, except some aptitude to *Scorbutil Distempers*.

O B S E R V. IX.

Mary, the Daughter of *Mr. Rawlins*, of *Litchfield*, aged 13, was brought to the *Bath* by her very kind and careful Mother in *July*, 77, and withal a Letter for me from *Mr. Watson*, of *Sutton-Cosfield*, who had been of *Lincoln-Colledge*, in *Oxford*, when I was there also; he practis'd Physick, as well as exercised his Ministry; and this young Woman had been some time under his Care, as she had been before under *Dr. Higge's* of *Coven-*
try, and several others, who had try'd all Means, both Outward and Inward; *Un-*
guents, *Plaisters*, *Artificial Baths*, *Purgings*, *Vomitings*, &c. and all to no purpose, for she remain'd a Cripple for a Year and a half.

The first beginning of her Illness was a *Cold*, taken by lying on the Ground, upon which a very violent Pain seiz'd the *Muscles* and *Tendons* above the *Right Knee*, and after that the *Left* also; and then both the *Hips*, with Pain and Stiffness, and the *Right Thigh* wasted; she could put neither of them out streight, nor suffer her self to be set upright, much less erect her self; she could not suffer her *Knees* to be parted one from another; so greatly was she every where contracted.

The first Year she got Ease, and some Use of her *Limbs*, tho' endeavouring to go, one Knee would rub against the other so hard, as to fret off the Skin, and cause Pain as well as hindrance in going. She came again the next Year, and was perfectly recover'd; and some Years after marry'd, and hath since been the Mother of several Children. She both *drank* the *Waters*, and *bathed*, and used Inward Medicines also.

In *September*, 93. She was in this City, and knew me, tho' I had forgotten her, and helped my Memory in some of the Particulars above mention'd. She was then, (and I think is still) Wife to one Mr. *Handrocke*, a *Brasier* in the *Pall-Mall*, *London*, and had then no Remainder of her former *Lameness* at all.

OBSERV. X.

In the beginning of the sixth Chapter I told you, that some thus affected in their *Limbs*, had two, three, or more, of the *Vertibræ* of their *Backs* started out; I now come to give a few Instances of these; and first,

I. *Philip Browne*, from out of *Ireland*, aged 14, Nephew to Capt. *Carpenter*, who had a Foot-Company in *Garrison*, in the Castle of *Dublin*: He took Care of this his Sister's Son, and sent him over with a Soldier (his Servant) to attend him. They came in *July*, 66. He had been under the Directions of Dr. *William Currer*, Physitian to the then *Marquess* (afterwards *Duke*) of *Ormond*, and Deputy of *Ireland*, and Physitian-general to the *English Army* there. He had try'd all manner of Methods and Medicines for his Recovery; and perhaps the more, because a Chymist, and the Captain being his very good Friend; but all was in vain, which made them, at length, determine to send him to the *Bath*, which they did, and by Letter committed him to my Care, the Doctor and I having been formerly acquainted at *Bristol*, as he past to, and from *Ireland*, when I practised in that City.

I was sorry to see him come in so weak and deplorable a Condition, expecting no other than that he would have dy'd upon the Place: For besides the great Weakness of all his lower *Limbs*, (which they sent him hither for) he had so ill a Voyage, that he took *Cold*, which brought upon him a violent *Cough*, with which he discharged very foul *Phlegm*; he had a *Diarrhæa*; both the *Hypochondria* were greatly distended; he was withal *Hæctical*; so that I was forced a while to neglect the *Lameness*, and apply to the more urging Symptoms.

His Case, for which he was sent to the *Bath*, was, that after a long Sickness (the beginning of which was, as I remember, an *Epidemick Fever*) he had all his lower *Limbs*, from the middle of his *Back* (where four or five of the *Vertibræ* were started out, by reason of the Relaxation of the Ligaments, which should hold them together) were not only useless, but senseless, insomuch, that when he was nipp'd or pinch'd, tho' very hard, or prick'd with a Pin, he felt it not: It would have been the same probably, if a Nail had been driven into his *Foot* or *Leg*. He was no way sensible when he had occasion to ease Nature, by Stool or Urine; but at a usual time of the day they set him upon a hollow Chair, and both came from him,
but

but when or how, he knew not. He had often *Cramps*, and *Convulsive Motions* in his *Legs* and *Thighs*, which would violently draw them upward, whither he would or not, but of himself could never stir them.

After I had master'd a little those other Symptoms, I permitted him to *bathe*, (and indeed sooner than I otherwise would, upon the Importunity of the Soldier that came to attend him) he endur'd it better than I expected, and went on so to do till towards *Michaelmas*, but without any manifest Advantage to his *Limbs*, insomuch, that the Soldier press'd earnestly to be sent back again, seeing no Good was to be done, and that the Winter approaching, they might probably have as bad, or a worse Voyage than when they came over. I was for his longer stay, and writ both to the Doctor and the Captain, what my Opinion was, and the Reasons of it; in answer to which they left him wholly to my Disposal, despairing of ever having him cur'd, if this Means failed, and concluding, that if he had such another Passage back as he had hither, it must infallibly kill him: so that if I thought fit to try him another Season, I was desired to assist the Soldier, in placing the Lad for the whole Winter, and send him back to be muster'd with the rest of his Company, which

which was done ; and the young Man left to the Care of a Woman, that very well discharged her Trust ; I order'd her to put him into the *Bath*, when ever the Wind was not turbulent, or the weather excessive cold, tho' it was Winter ; which she constantly did ; and the first Alteration that appear'd was, that when he was rubb'd after his Sweating, he began to be ticklish. About *Christmas*, (I having for some time been out of Town, with a Patient in the Country, for I then attended a Riding, as well as a *Bath*-practice) calling to see him as soon as I came home, he told me (with great joy) that he could wagg one of his Toes ; and pulling off his Shoe and Stock-in for me to see it, he was better than his word, and mov'd two or three, and in few Days after, all of that Foot, and not long after, those of the other also.

In less than a Months time, after that, both Sense and Motion of all the lower Parts return'd by degrees ; and he could first crawl about the Room by the Chairs, after that could use Crutches ; so the Soldier returning in *March* following as was agreed when I sent him back) found him (to his no small Admiration) at the Door of the House by himself. After one Month's *bathing* that *Spring* he left off his Crutches, and could walk

three Miles in a Morning ; but the *Vertibræ* still kept out. And indeed I never saw those Subluxations well reduc'd, tho' some bold (because ignorant) *Bonesetters*, have here pretended to do it, particularly a *Rakemaker* who boldly undertook to recover,

2. Mrs. *Unite*, a Daughter of Capt. *Scudamore's*, in *Herefordshire*, a fine Woman and of excellent Temper, who came hither in *May*, 90. almost in the same Condition, as is in the last describ'd (only the sense of feeling was not quite lost in her useless *Limbs*.)

She came hither by the joynt-advice of Dr. *Cole*, then of *Worcester*, and Dr. *Williams*, of *Hereford*, and Mr. *Powell*, the Chyrurgeon of *Abergavenny*; she was by some of them recommended to my Care.

After Preparation, she had not bathed past five times, but, by this Fellow's Perswasion, she left off *bathing*, and our Directions, wholly submitted to his Cure; who confidently warranted to recover her; and in order to it pretended to set some Bones in her Feet, where there were none out; and to reduce the Bones in her Back, apply'd *Plaisters*, and bound them up, and kept her in Expectation of a Cure, a Month at least, but none appearing, she return'd home never a jot the better, but

but came again the next Year, and *drank* the *Waters*, and *bathed*, and found some Advantage, as to Motion and Strength: How she hath been since I have not heard; but by accident, and at great distances I have learnt that she yet continues weak and lame, but hath not thought fit to try this Means farther, which I think she ought to have done; for if ever she be cured, it must probably be by *bathing*, year after year, till it be perfected.

3. A case exactly like the first of the three was in a Daughter of Collonel *Walton's*; he being one of King *Charles* the I.'s Judges, forfeited Life, Estate, and all, so that the Children lived upon the Exhibitions of Relations and Friends.

She came hither for Cure in *April*, 65. and my Advice was desired, which I was not wanting in. The Alterations towards a Recovery were not suddain, and consequently her Expences were enlarged with her Stay, so that she ran in Debt with her Landlady, and was forced to send her Sister (who came to attend her) to try her Friends for a Recruit; which she not quickly speeding in, the Year was so far gone, that she was forced to stay the following Winter, but still kept on *bathing*, and used a Swing, and sometimes *drank* the *Waters*; and all this as
the

the Weather and her Strength would permit. With long lying she was gall'd upon her *Hips* and *Back*, from whence came *Ulcers*, which when drest by Mr. *Chapman*, the *Apothecary*, (in pure Charity, for she had nothing to pay for Advice or Medicines) she was not at all sensible of it, though he was forced to use hot, and sharp Applications to prevent Mortification: But before her Sister return'd (which was not till towards the Spring) she had recover'd some Sense and Motion in her *Limbs*, and (by that time she had made out her Stay to a Twelve-month, or more) went back to *London*, much advantaged, tho' not perfectly recover'd, as to Ability to go nimbly; but her Landlady going up about *Michaelmas* following, about hers, and some other Debts (for her Sister had not brought enough to pay off all Scores, and to continue here longer too) she met her walking in *London-Streets*, as briskly as ever she did in her Life.

I have been the more particular in the first and third of these Observations, not only for the remarkableness of the Recoveries, but that it may be again observ'd, that *The Effects of the Bath do not presently appear, and that the Impatience and Parsimony of Infirm Persons spoil more Cures, than ordinarily the Bath, or the best Air, Foods and Medicines do*

per-

Chap. VI. Of a *Vertibræ* started.

perform: For had not these two (the first and last mention'd) been necessitated to stay longer than they were willing, they might either have remain'd still lame, or the Cures might have been imputed to some trivial thing they might have done, or taken, after their going from hence.

4. *Michael King*, a Soldier, from *Tedbury*, in *Glocestershire*; by a Blow on his *Back* with a Halbert in *Flanders*, going upon a Party to guard Pioneers, was disabled for farther Service, and had his Discharge, and return'd to his Friends in *Tedbury* aforesaid. He had three or four of the *Vertibræ* of his *Back* started; and by reason of that could not stoop, nor go steddily, but was forced to wear Iron-Bodices, without which he could hardly sit, much less go, upright. He was sent to *Bath* in *April*, 1692. and being poor, as a disabled Soldier, was admitted into the *Hospital* for *Strangers*, where it is my Province to advise those, whom the *Mayor* for the time being, commits to my Care. I order'd him some Preparations for *bathing*, and sometimes *drinking* the *Waters*, by which, in a Month, or five Weeks time, he recover'd so much Strength, as to leave off his Iron-Bodices, and to go without 'em, competently well; but the *Vertibræ* still kept out, and will do, I suppose, as long as he live.

The *Bath* infallibly strengthens a weakned part, and gives Ease to a pain'd one, but usually (without other Assistances) leaves it in the posture it finds it. Young People by this help have out-grown great Deformities of *Limbs*; but I have seldom (or never) seen any grown Person to have this part reduced; nor would I ever consent to have it endeavour'd by force, lest the *Spinal Marrow* be comprést by it, and the Passage of the *Animal Spirits* wholly intercepted. For better it is to have an imperfect Motion and Sense, than to be totally depriv'd of both.

I should now here have ended this Chapter, but that in the beginning of it I mention'd some, thus generally weakned, that had also inordinate Motions in some, or all, parts of the Body; referrable to those *Convulsive Motions*, which have obtain'd the name of

O B S E R V. X.

Chorea Sti Viti; of which I shall give you some few Instances, and those short ones, and then proceed to some other Subject.

1. *Thomas Neale*, Nephew to Mr. *Hinde*, (Minister of *Crittleton*, in *North Wilshire*, near the *Tosse*) aged 13, was brought hither by

by his Uncle (who took care of his Sisters Children, their Father and Mother being both dead) in *August*, 85. He had been (a long time before) subject to various and strange Fits, which the Vulgar imputed to Witchcraft (as usually they do, whatsoever is not common). It seem'd to me to be a Complication of *Convulsion*, *Epilepsie*, and *Chorea Sancti Viti*, and (to be sure) a high *Scorbute* affecting chiefly the *Brain*, and the *Nervosum Genus*.

Out of the *Fits* he would be greatly disorder'd in his *Head*; sometimes talk'd at random, sometimes could not speak at all; he had, for the most part, Irregular Motions in his *Arms* and *Hands*, *Legs* and *Feet*; tottered so that they could not trust him to ride (scarcely stand) alone. His very kind and careful Uncle stay'd with him a while to see him settled to his Business here, and then left him to my Care and Direction, (with Servants to attend him) five or six Weeks, or more; in which time, by drinking the *Waters*, and bathing, and using *Antiscorbutick*, *Antiepileptick*, and *Chalybeat Alteratives*, was so recover'd as to walk, talk, and carry himself composedly, and to ride home alone, and continued from that time well, without any Relapse, and is since (as I hear) become a healthy Man, and marry'd; but

where he lives I cannot learn; else I would have signified his present State of Body, from his own Information.

2. A Son of Mrs. Gould's, from *London*, (then a Widow, since marry'd to a Doctor of Physick of the same Name) about ten or twelve Years of Age, could neither sit, nor stand still, but some part or other would be in continual Motion. His careful Mother (having try'd several Means before) brought him to the *Bath* in *August*, 1688. to try what that would do for him, and call'd Dr. Baynard and me to his Assistance; we put him upon drinking the *Waters*, and bathing, and several *Alteratives*, but to little or no purpose.

He was, at length, cured, by plunging him several times in very cold Water, and this was done by Dr. Baynard's Advice.

3. Richard Tannor, of *Longely*, near *Chippenham*, in the County of *Wilts*, aged about 24, had a *Giddiness* in his *Head*, and an Universal *Febleness* from the Relaxation of his *Nerves*, went tottering, as if he had been always falling; his *Hands* and *Arms* seldom out of Motion. He came to the *Bath* for it; and finding some, tho' but little, Advantage by it the first year, got to work Journey-work to a *Shoemaker* in this City (for he had serv'd an Apprentiship to that Trade) and bathed

and

and *drank the Waters*, by my Advice, between whiles, and used ordinary *Cephalicks*, and *Antiscorbuticks*, and was, at length, perfectly recover'd. It was eight or ten Years ago that he first came hither, and for many Years following he work'd in Town, purposely for the Benefit of the *Bath*. I saw him many times in the Street, and in the Church, standing and going as steadily as any Man that never had such a Distemper.

Had others taken the course that this poor Fellow did, in coming every Season, or settling themselves upon the Place, or near it, till they had been (as he was) perfectly recover'd, there might have been a larger Volumn of such Instances as these; but this may suffice to shew where, and how they may have Help, if they will be so wise, as to do as others have done.

4. Since I came to live upon this Place (the Year, nor the Man's Name, I cannot recollect, but there are here yet living many, and sufficient Witnesses of it) there was a seemingly, lusty and well-limb'd Fellow, brought hither for Cure, that could run, but not go; nor stand, unless leaning against a Wall or Post. He had been (as he said) a Soldier, but whether Wounds, or lying in the Fields, or what other thing brought this Distemper upon him, I cannot

well remember. When he would remove from one Place to another, he would set himself a running, and run against a Wall or Post, and there stop a while, and then set his Face to that quarter that he design'd to be at (for he could not turn at the corner of a Street, but must move directly forward) and thus he saved the Charges, of being carry'd, or lead. He used the *Bath* I am sure, and I think, *drank* the *Waters*, and was recover'd here.

The Unusualness of the thing drew together many Spectators, and, amongst them, some compassionate ones, which gave him their Charities, on which he liv'd here (for he brought little or nothing with him) till his Cure was well perfected, which was not done presently.

5. I shall add one Instance more, not for the Recovery (for she was not cured here, nor did she use the *Bath* at all, at least not long enough to try what it would have done for her; and, if she had, I doubt whether that or any thing else would have avail'd): But I mention it, to shew how many, and strange Infirmities, our crazy Carcasses are here lyable to, and also to shew how ingenious an Instructrix Necessity is.

It was a Maid of *Priddy*, upon *Mendip*, near *Wells*, in *Somerset-shire*. She came hither in Summer, 94, and was then more than 20 Years of age. She had (from her Childhood) a Weakness in her *Right Arm*, and *Hand*; but to appearance, both were near as full, and as fleshy as the other was; but when she endeavoured to move it any way, especially upward, or to lay hold of any thing, such odd and antick Motions would be in that *Arm* and *Hand*, as if she went about to act the Changeling. If it were a light thing she took hold of, it would (by the Motion of her *Arm* and *Fingers*) be thrown at some distance from her; but if it were of considerable weight, she could grasp and carry it, hanging downwards, a good way together. This Infirmary render'd her unfit for Service, to help therefore towards a Livelihood (for her Friends were poor, and wrought for their own Living) she learnt to knit (Stockin-making being the chief Trade of that Country) and that with one Hand, which they that understand the Mystery of that Manufacture, will conclude a very hard thing to do, especially with the most unhandy of the Hands, the Left.

She came hither in hopes to have been admitted into our *Hospital for Strangers*; but

the Founder of it (Mr. *Billett* had no kindness for the *Infirm* of that Sex (whatever he had for the sound and trigg) but order'd it for twelve Men only, and that but for three Months in the Year, two in the *Spring*, (*April* and *May*) and one in the *Fall* (*September*, so that she went back without trying what the *Bath* could have done for her: But it was not very likely (after so many Years Continuance, and its being perhaps born with her) to have remov'd such an unusual Infirmary.

6. There hath been mention made in the beginning of the Chapter of the *Palsie*, of another irregular sort, of which a *Herald* wou'd have said that *he bears his Infirmary Quarterly, Lame and Sound*. When the *Arm* and *Hand* on one Side, and the contrary *Leg* and *Foot* have been affected; I shall only give two Instances of this, and then proceed to a seventh Chapter.

1. *William Louell*, of *Shaftsbury*, in the County of *Derfet*, *Buttonmold-maker*, aged 40, was seiz'd in the Night with a *Giddiness*, and *Amazement* in his *Head*, in the year 91. Being about to rise, next Morning, his *Left Arm* and *Hand* fail'd him, and became useless: within three Days after, the contrary *Leg* and *Foot* fail'd, as the *Arm* and *Hand* had done before, and both became un'er-

unservicable to him, for which he came to the *Bath*; and tho' he stay'd not more than twenty Days (not having wherewithal to maintain him longer) yet he receiv'd apparent Benefit, but not a perfect Recovery. I therefore advis'd him what to do when he came home, and to come again the next Season, when poor *Strangers* were admitted to the *Hospital*, and I would get him in for one, but he came not till *April*, 95. when I found his *Left Arm*, and *Right Leg* and *Thigh*, greatly Emaciated, but had more Strength in them than when he came first in 91.

I recommended him to the *Mayor* as an Object of Charity, and as one likely to receive Benefit by the *Bath*; and he was, by him, permitted the advantage of the *Hospital* (which is a Lodging and Seven Groats a Week) for some time; and by *bathing*, and some Inward Means (of which the *Waters* were a part) he got considerable Benefit.

2. *Thomas Holmes*, of the Marine Regiment, aged 24, born in *Friezland*, had an *English Man* to his Father, a Chyrurgeon; he was set sick ashoar at *Portsmouth*, and sent to *St. Thomas's-Hospital*, Paralytick, of the *Right Arm*, and *Left Leg*; and discharged from thence to come to the *Bath* in *July*, 95.
under

under the Governors and Stewards Passé; he here *bathed*, and found Advantage.

Many such Mortifying Objects have I here seen, and every Year do see; and the best Use that I can make (and would have others do the like) of the consideration of them is, to bless God that it hath not been (nor yet is) the case of me, or mine: For it is a distinguishing Mercy only that hath made the Difference.

CHAP. VII.

BESIDES the *Cripples* already mention'd in the foregoing Chapters, there have been many here under my Care, disabled in their *Limbs* upon accidental Occasions; and these also have had remarkable Recoveries by *bathing* and *pumping*, and *drinking* these *Waters*: And these are to be the subject Matter of this seventh Chapter; I shall referr them to seven or eight chief Heads, and give two or three Instances upon each, and so dismiss the *Lame*.

Accident 1. The first sort are those, that after violent (perhaps Malignant) *Fevers*, by a Critical Discharge of the *Morbifick Matter* upon a *Limb*, have had a *Phlegmon*, or

Inflammation, with *Tumor*, and that (either by ill-management, or the Virulency of the Humour) hath turn'd to a Mortification (a thing not unfrequent, to those especially, that have been *Scorbutical*, and had *Plethoric Bodies*) and of these I shall give three Signal Instances.

OBSERV. I.

Sir John Austin, of Kent, more than 40 Years of age; after some Days Sickneſs of an *Acute Fever*, by a *Metaſtaſis* of the *Putrid Matter* from the more noble Parts to one of his *Legs*, had firſt great Pain, afterwards *Tumor*, and *Diſcolour* there; after a while it ſuppurated, and broke (whither of it ſelf, or open'd by Inciſion or Cauſtick, I do not well remember; that being done ſome Months before he came hither) afterwards it became a *Gangrene*, and great quantities of Mortified Fleſh were taken out at ſeveral *Dreſſings*; but by diligent and due *Applications*, the Procedure of the Mortification was ſtopp'd, and at length the Wounds were *Incarnated*, and *Cicatrized*; but there remain'd upon that Part, not only great Weakneſs, but Pain alſo (at leaſt by Intervals). From the *Hip* downwards the *Limb* was greatly waſted, ſo that it was well-

well-nigh one half less than the other : He could scarcely walk his Chamber with Crutches, nor be at Ease when his *Leg* depended ; and was therefore forced to spend most of his time in, and on the Bed. He was brought hither in *May*, 88. and apply'd himself to me for directions, how to manage himself in the Use of the *Bath*.

After due Preparation, and a whiles *drinking* the *Waters*, he enter'd the *Bath*, and in a Weeks time had Ease ; in a Months time changed his Crutches for a Staff, and sometimes walked the Streets ; at six Weeks end I saw him run without Staff, or any Assistance, to get shelter from a showr of Rain ; and at two Months end went away perfectly ealed, and trigg ; by degrees the Limb recover'd Flesh, as well as former Strength.

OBSERV. II.

Sir *Herbert Crofts* was so much under the same Circumstances, both as to Cause and Effects, that it would be but to waste Time and Paper to give a particular Description of his Case. He came hither in *August*, 92. after a long and tedious time spent, under the Directions of Physicians and Chyrurgions. He had hardly left off the Applications to the Calf of the *Leg*, and still fear'd

fear'd the falling down of new Matter to the Part; so that he (besides Purging, and other Preparatory Means) drank long of the *Waters*, and bathed his *Leg* in *Bath-Water* in his Chamber, before we durst adventure him to go into the *Bath*; which at length he did with excellent Success, so that he was at Ease, got Strength, and left his Crutches, and was perfectly recover'd.

He came again the next Year, but rather to confirm a Recovery, than to seek one. His very excellent Lady, who was greatly assistant to him the year before, was left behind, expecting every day to ly in, which (by the way) was no small Testimony of his absolute Recovery the first time.

OBSERV. III.

Mrs. *Hales*, Wife to *James Hales*, of *Fole-shull*, in the County of the City of *Coven-try*, aged 50. was about *December*, 1687. seiz'd with a *Malignant Feaver*, and in few Days was delirous, and continued so near a Month. Within a Fortnight after the *Feaver* had seiz'd her, a Mortification appear'd upon the lower part of the *Os Sacrum*, extending it self on the *Right Buttock*; it was near sixteen Inches round; great quantities of dead Flesh was taken out at several Dressings,

Dressings, and the other *Ulcer* was three Months in curing; but when cured, the Use of her *Right Leg* was altogether taken away, for which, the Summer Twelve-month following, she was brought to the *Bath* (to wit, in *June*, 89.) and was committed to my Care. I found her *Right Leg* and *Foot* not only useless, but Cold, Dead, and Senseless. After some Preparation she made Use first of the *Cross-Bath*, not being able to bear a stronger, she being but weak in Body, as well as *Infirm* in Limb. She afterwards used the *Hot-Bath* also, and continued *Bathing* (as her Strength would permit) about five or six Weeks, in which time she recover'd Warmth and Sense, but little Strength in her *Leg*. She came again the next Year, in *July*, 90. and stay'd as long, if not longer than before. By both times using the *Bath* she recover'd the perfect use of her *Leg*, and now walks very well. The Confirmation of this, and the Description of her first Illness, I owe to the kindness of Mr. *Septimus Bott*, an ingenious and diligent *Apothecary* and *Chyrurgeon*, of *Coventry*, to whose Care and Skill she owed that Strength she had to come to the *Bath*, for farther Cure of her lost Limb. His Letter to me bears date, *Aug.* 28. 1695.

Tho' what I am about to add to these three last Observations be not in every Circumstance the same; yet because they concern the same Limb, and a like Translation of Matter to it (tho' it proceeded not to Mortification) and impeded, in great measure, their going; and the Cases not being common, I thought fit to insert them here: And first,

OBSERV. IV.

Mr. *Andrew Chaplain*, a Minister, out of *Ireland*, aged 38. came hither in *May*, 80. having the *Right Leg* three times (at least) as big as the other, not very painful, unless by Fits, sometimes; but heavy and cumbersome to him in going.

It came to him after a *Feaver*, which determined in an *Ague*, that held him some considerable time, the *Leg* increasing more and more by degrees; but no *Inflammation*, no *Suppuration* in any part of it; but the *Skin* thickned and hardned to a great degree, as if crusted over, and rough, more than in an *Eliphantiasis*.

It was chap'd in some places very deep, not unlike the rugged Bark of an old Tree. Out of these Chapps sometimes (upon taking Cold, and in moist Weather, or any dis-

disorder) some moisture came, but not often nor much, but it would then Itch and Smart more than at other times. Upon going on Board, it was presently better, and after landing in *England* it ran less, as if the Alteration of the Air had made a Change upon the Distemper. He took some Means both Purgative and Alterative; used the *Bath* five or six Weeks, but with little present Advantage more than that it seem'd to be lightsomer to him; but it was not considerably less. How it did afterwards I never heard, tho' I earnestly desired it.

OBSERV. V.

In a very like Case to this was one Mrs *Edwards*, who came hither out of *Wales*; She was about 50 Years of age, and after a *Fever* had one *Leg* most prodigiously swollen rough, crack'd, and crusted, as was the former, from the *Knee* to the *Toes*; but her had this Peculiar in it, that every Night the Linnen Cloths she wrapp'd about it (which were not a few) would be in the Morning as wet as dirt; so wet, that a quantity of Water might be wrung out of them; and those Cloths, and this Water had the exact smell of Urine, and tinged the Cloths yellow, as if they had been all Night in the Chamber.

Chamber-pot. She staid not long enough to make any considerable Tryal of the *Bath*, or the *Waters*; being impatient, and displeased, that she was not presently well after three or four times going into the *Bath*; and being withal too parcimonious, valuing her Wealth beyond her Health, she hastned home, and what became of her afterwards I never heard. *Guilielmus Fabricius Hildanus*, in his Observations, Cent. 4. Obs. 69. hath the Relation of a monstrous big *Arm*; but, in most Particulars, different from these. It is well worth Enquiry from whence, and by what Passages, this *Urinous Serum* (if not Urine its self, for she made little, or none, the while) should come to be discharged there.

Mr. Chaplin Urin'd in Proportion to what he drank, - and for the most part had a constant Benefit by Stool; but when Costive, it was worse in his *Leg*. Cooling *Hepaticks* best agreed with him: His other *Leg* had sometimes a great Itching in it, but no Swelling, or Discolour. He had observ'd that he had not sweated considerably before this came, for some Years before.

Accid. 2. The second *Accidental Lameness* I shall instance in, is what hapned after *Strains*, either by too long neglecting them, or ill-managing of them when regarded;
L. which

which way ever it be, they have at length occasion'd great Pain and Weakness, and sometimes wasting of the whole *Limb*, (but Swelling the *Strained Joynt*) nay, some have been forced (after long, painful, and tedious Endeavours for Cure) to have a Foot cut off, when the Strain hath been on the *Ankle-Joynt*. Here have been many of this kind recover'd; I shall instance in but a few, contenting my self to have but named some others.

OBSERV. I.

My Lady Strodes Daughter, near *Sennoke*, in *Kent*, Mrs. *Katherine Strode*, (a pleasant humour'd, and, till then, brisk and active young Gentlewoman) was brought hither by her Lady Mother, in *April*, 84. not able to set that Foot to Ground that (long before) had been strained; and much means had been used by Chirurgeons, as well as Bone-setters, (how timely, or how aptly, I do not know) but all proved unsuccessful, and was therefore (as to a last refuge) brought to the *Bath*. My Advice was desired in the manner of using it, and for the greater Conveniency, she was lodged in my own House. After Preparation, she began by Degrees, putting her Foot in a
Pail

Pail of the *Water* Evenings only, before she went to Bed, at first, afterwards both Morning and Evening; and after a while thus using it, she went into the *Bath*, continuing to do some time, before it was pumped upon, and towards the Conclusion she bathed in the Morning, and was pumped upon the *Infirm Joynt* at Night, and carry'd immediately from the dry *Pump* to her Bed, a Flannel being wrapp'd about it as soon as they had done *Pumping*. This way of Proceeding took Effect; she had, in a little time, ease, afterwards abatement of the Swelling, then a beginning of Strength, so that leaving off Crutches, she could go by a Staff, and put some Stress to the *Lame Foot*. She stay'd six Weeks or more the first time, and came again two or three Years following, and was at length perfectly recover'd.

OBSERV. II.

Going some Years after to visit a Sister of hers, that was marry'd to Mr. Serjeant *Windham's* eldest Son of *Dunraven*, in *Glamorganshire*, in *South Wales*, she encouraged *Madam Windham*, the Serjeant's Lady, (who was then, by an accident, in the like case) to come hither, which she did with like

Success, in the year 91, in *July*, and hath been here several times since; having renew'd that Infirmity by new Accidents and never fail'd in going back, recover'd. She hath since *drank* these *Waters* also for an illness of *Stomach*, with very considerable Advantage.

OBSERV. III.

Mr. *William Prusean*, of *Hornechurch*, in *Essex*, about 16 Years of Age; and a Neighbour Gentlewoman, a Relation of his, one Mrs. *Bonham*, both in the same condition differing only in degree, his much the worse, came hither in *August*, 88. after a Consultation of a Doctor of Physick, and three eminent Chirurgeons of *London*; at which Consult it was agreed (after many Tryals before, of other Means) that they should both come to the *Bath*, which accordingly they did. They had both Weakness, Pain and Swelling in the *Ankle-Joint*, with wasting of the whole *Limb*, from the *Hip* downwards; occasion'd long before by *Strains* not heeded timely enough, or ill-manag'd afterwards.

The Young Gentleman's Case was much the worse of the two. He had been under the Care of a very ingenious Chyrurgeon who

who belonged to one of the chief *Hospitals* in *London*, where they have Opportunities of seeing, and being concern'd in, much, and good practice. He had both with Inward, and Outward Means, taken a very Methodical, and likely Course for his Recovery; but finding all to fail, (for his own Satisfaction, as well as his Patients, and his very good Mother's) he call'd in two other eminent Chyurgeons, who approv'd of all that he had done, and propos'd some Alteration in the Applications; but that increasing the Swelling, he return'd to his former Method; but that not availing, it was (as is said) agreed that he should come to the *Bath*. At his coming away the Gentleman that was first concern'd with him, gave me by Letter a very full, and ingenious Account how he found him, what Method had been used, and his Distrust of the Success of the *Bath*, tho' he consented to have it try'd, and that he did almost despair of saving his *Leg*. The Gentlewoman's he was not so distrustful of, and indeed the Event prov'd the latter true, for she was much sooner recover'd than he; she came but twice, and was perfectly well; he was forced to come oftner, but succeeded at last. His Pains abated the first time, and the Swelling did not increase upon *batning*, which was fear'd; and some

small Advantage he had the first year, which encourag'd him to come Year after Year for several Years following, and got some Ground every Year; so that the Leg was sav'd, and he enabled to go competently well upon it, without great need of a Staff, or much halting, only in favouring of it, at first, he had settled it in a very ill posture, throwing out his *Foot*, and not being very well able to move his *Ankle-Joynt*, but in great measure that also is recover'd, and I am told that he now walks much, and limps very little. He hath not been here these three Years past, but I here now and then of him, and am still inform'd that he recovers every year more and more.

OBSERV. IV.

The Reverend Mr. *Robert Parsons*, then Minister of *Adderbury*, in *Oxfordshire*, since remov'd to *Odingeton*, near *Stow*, about eleven Years since, in *May*, 1684. came to the *Bath* very *Lame*, and that *Lameness* came upon him very oddly, and suddenly. He was (about six Months before he came hither) very *Healthful*, *Lusty* and *Strong*, but going up a steep *Hill* (when he had been wearied in going before) an intollerable Pain seiz'd him on a suddain in the Calf of
one

one of his *Legs*, insomuch, that (hearing no Gun to go off) he thought that some Body had shot him with a *Croſs-Bow*; but being convinced of the contrary by a Friend of his that came immediately after him, he concluded that he had broken something, by overstraining: He fell presently to the Ground, not being able to go a step farther, and the Acuteness of the Pain made him sweat and faint, and very sick at Stomach; but that went off in a while, and something more at Ease he was, but not able to go. He was carry'd home, and continued weak and lame for a long time, tho' he had the assistance of the most considerable Physicians and Chyrurgeons in *England*; many Applications were made outwardly; much Means was used inwardly; but with very little Success, which put him upon coming to the *Bath*, where he apply'd himself to me. I directed such Preparations as I thought needful; after which put him upon *bathing*, and *pumping*, the *Infirm Limb*, and sometimes *drinking* the *Waters*, which he continued to do for five Weeks; yet there appear'd no great Alteration to the better, whilst he was using the Means; yet it disposed him to, and very much facilitated, his Recovery; for it brought Warmth and Heat into the Part, which it was altogether desti-

tute of before ; it took off the Convulsive Motions which were before frequent, and violent, (especially by Night, and when he was first falling asleep).

His *Thigh* and *Leg* began to get *Flesh* again, for they were very much *Emaciated*, and always cold. After he went from hence he recover'd by degrees, and could walk five or six Miles an end without a Staff, and so continued several Years after.

Accident 3. A third sort of *Accidental Lameness* that hath been here cur'd, hath been from white *Swellings* on the *Knee*, or *Knees* ; with Pain, and Contraction, and Stiffness of that Joynt, but without Inflammation ; of which I shall give two Instances only.

OBSERV. I.

Mr. *Bony*, a *Spanish Merchant*, aged more than Forty, came hither in *July*, 78. and was recommended to my Advice by his Physician and Neighbour, and my very good Friend, Dr. *Crooke*. He was very lame, and much pain'd in his *Right Knee*, when he put any Stress on that *Leg*.

It was greatly swollen, but nothing discoloured, and the Joynt contracted, so that he could not put out straight that *Leg* ; it

was

was pufft up above the *Knee*, and below, as well as in the *Joynt*, and what thus distended the Part (whither *Wind*, or *Uliginous Matter*, or both) upon pressing of it on one Side, it would manifestly be moved to the other. After Preparation he used the *Bath*, which gave him some Ease, but lessen'd not the Swelling; then it was pump'd upon; after that the *Mudd* of the *Bath* was apply'd; all which Attempts at length succeeded, and he became apparently better. He came a second, and a third Season, and was, in the end, perfectly well; so that there was no Remainder of Tumor, Pain, or Lameness. He was here in *Summer*, 1693. with a Friend, for Diversion only, and this last *Summer*, 1695. without any Return of this Illness.

OBSERV. II.

Mrs. *Hull*, a *Packer's* Widdow, in *Berry-Street*, *London*, between Thirty and Forty Years of Age, came hither in *July*, 1690. had the same part affected, but not altogether after the same manner: Hers was a *White Tumor* on the *Patella*, as big as an Egg, nor very painful but when she kneel'd, or prest it hard against any thing, that did not easily yield unto it. She both bathed
and

pumped, and apply'd the *Mudd* of the *Bath*, and had *Patience* to stay till the *Tumor* wholly subsided, which was not in a little time, and went well away after *Michaelmas*.

Accident 4. There hath been here cured a fourth sort of *Lameness*, which hath seiz'd those that have taken *Poyson*, especially that of *Arsenicke*; (commonly call'd *Ratsbane*) for after the violent *Vomitings*, and Torments of the *Stomach* and *Bowels*, have ceased, either by the Strength of Nature, or the Assistance of Remedies, the Joynts of all (or some at least) of the extream Parts, are usually Contracted, and render'd useless, and are with difficulty, if at all, restor'd.

Two Instances of such here recover'd, I shall give.

OBSERV. I.

The Wife of Mr. *Anthony Nease*, of *Chippenham*, in *Wiltshire*, about Seven or Eight and Twenty Years of Age, after the Loss of two, (and all her) Children, near upon one another, (as I remember) in the *Small Pox*, grew very Melancholy, and was in a Desponding, if not in a Despairing, Condition; which the great and profest Enemy to God and Man, taking the Advantage

vantage of, tempted her to destroy her self; which she determining to do, goes to an *Apothecary's Boy* (which knew nothing of her Discontent) and desires him to let her have as much *Ratsbane*, as would be sure to poyson a Mastiff Dog, that used to get into her Buttery, and do Mischief, for she was resolv'd to dispatch him, and therefore charged him to give her, rather too much than too little. He lets her have a large Dose; she pays for it, and upon the next *Sunday Morning* (after she had sent all her Family to Church) takes it; when they came home, they found her vomiting violently, and terribly Grip'd in *Stomach*, and *Bowels*: They (in a little time) suspected what, upon Enquiry at the *Apothecary's*, they found too true, and call'd in a *Practitioner of Physick*, who liv'd upon the Place; but he (thinking the Case desperate, or not well knowing what to do in it) refused to be concern'd, and I was presently sent for, tho' at Ten Miles distance. I came the same Night, and caused them to promote (all they could) her Vomiting; and giving her afterwards Oily and Unctuous things, and some Specificks to resist that sort of Poyson; by all which (in some few days) the Vomitings and violent Pains were mitigated; I left her, with this Prognostick;

nostick, that she must expect the use of some of her Limbs to be taken away, in some little time, but they believ'd it not till the Contraction of her *Ankle-Joints, Knees,* and *Hip*, began upon her: Then was I again consulted (but well nigh half a Year after she began to be lame) what was to be done for that also. I advis'd the *Bath*, but it was a great while before they could perswade her to come; and all that while she remain'd a helpless Cripple; at length she was prevail'd upon to be brought hither, tho' late in the year; yet that little Stay she then made gave her some Advantage, and that encouraged her to come again the next *Spring*; when she stay'd long enough to perfect her Recovery, in *Mind, Body, and Limbs*.

She was very well afterwards, and had several Children more before she dy'd.

OBSERV. II.

Captain *Hatch*, from out of *Ireland*, aged 45, was sent hither in *June*, 71. by Dr. *Betts*, (my old School-fellow, at *Winchester*) and recommended by his Letter to my Care. The Captain had (for more than Five Months before) been suddainly seiz'd with violent *Vomitings*, and *Torments* of the *Stomach*

mach and *Bowels*, from the same sort of *Poyson* (as he supposed, and said) of which he took but very little; yet that small quantity continued his *Vomitings* (by Fits at least) for three Weeks; and the Pain of his *Stomach* and *Bowels*, five, or more, with some Intermiſſions. About Nine Weeks before he came hither, a sudden Fit seiz'd him, which disorder'd his *Head*, and the Night after, by little and little, the Use of his *Hands* and *Arms* fail'd him; and two or three Days after that his *Legs* became as useless, and so continued till he arriv'd here.

He was, after some time of Rest, and fitting Preparation, put upon drinking these *Waters*, and using the *Bath*, and taking peculiar *Antidotes*, against that particular sort of *Poyson*; by all which Means he got great Advantage, and at two Seasons (or three at most) recover'd the Use of all his *Limbs*.

Accident 5. A fifth sort of *Accidental Lameness*, that I have had under my Care, and hath been here cured, is, what hath hapned after *Mercurial Oyntments*, and *Quicksilver Girdles*, used for the *Itch*; of which, I will give you two Instances of many.

OBSERV. I.

A Daughter of one Mr. Rogers, of *Shepton-Mallett*, in the County of *Somerset*, a-

L O U R

about Eleven or Twelve Years of Age, was brought hither by her Mother in *May*, 74. Crippled in all her *Lower Limbs*, and Contracted, as is describ'd in *Mrs. Rawlins* her Case; *Chap. 6. Observ. 8.* This *Lamenefs* (as her Mother related to me) came after her being anointed for the *Itch*, with an Oyntment that had *Quicksilver* in it. I could not understand, by her, that it at all inclin'd her to Salivation (tho' I have known some, after such Anointings, to Salivate as if design'd) but perhaps where it spends it self that way, it falls not so much upon the *Limbs*: But this young Woman had first Pains from the *Hips* downward; after that, Stiffness and Contraction, but no Swelling; I order'd her both Inward and Outward Means, (*Purgers* as well as *Alteratives*) and the Use of the *Bath*; by which (at long run) she was well recover'd, but slowly, and after several Seasons coming hither. She was afterwards marry'd to Mr. *Rus*, a Shop-keeper in *Castle-Cary*, and hath had several Children. She was here in *Summer*, 95. and used the *Waters* and the *Bath* for a *Scorbutical Distemper*, but had no Remainder of that former *Lamenefs*.

OBSERV. II.

A Buttery-Maid of Mr. *John Eyres*, of
Little-

Little-Challfield, in the County of *Wilts*, about Two or Three and Twenty Years of Age, a straight, comely, Country Girl, till this hapned to her. She had got the *Itch* by some Means or other, and making too much hast to be rid of it; without due *Purg- ing*, *Bleeding*, &c. gets a *Quicksilver-Girdle*, (a thing too frequently, and too indiscreetly used in the Country) and after a while wearing of it, the Eruptions vanished, but she fell off at the *Waste*, and was a Cripple from the *Loyns* downwards, but had no Contractions in the *Joints*. I being then Physitian to their Family, she was sent over to me, and by Inward Means, and *bathing*, she was well recover'd in much less time than the former, not having suffer'd it to settle so long upon her, before she came hither, as the other did.

Accident 6. A sixth sort of *Accident* that hath render'd a *Limb* useless, and brought the *Infirm* to the *Bath* for Recovery, is *Wounds* (or *Ulcers* that have been forced to be laid open); whither in *Hand*, *Arm*, or *Leg*; of which, very many Instances might have been brought; but let it suffice that I mention two or three.

OBSERV. I.

The Honourable Coll. *Sackevile Tustion*, Brother to the Earl of *Thanett*; came hither in *May*, 74. He had, in a Sea-fight, receiv'd a Wound with Contusion and Fracture, upon his *Right Hand*, by a Splint, that broke the Bones of the *Thumb*, and *Fore-Finger*, and Lacerated the *Muscles* and *Tendons* of that Part; a Conflux of Humours falling to it, in the healing, it was forced to be laid open by Incision, more than once, and thirteen Bones, and Splinters of Bones, were taken out at several Dressings; which put him to a great deal of Pain, and very much retarded the Cure; but it was at last perfected, but his *Hand* left altogether useless till he came to the *Bath*; after it was healed up, and the Wounds Cicatrized, he was very much pain'd in it, by Fits, upon Change of Weather, or any small Disorder. After Preparatory Means, he both bathed, and pumped upon the *Lame Hand*, which quickly eased the Pain, and recovered some Use of the other three *Fingers*. He follow'd this Means at several Seasons, and at length, even the *Fore-finger* and *Thumb* became in some measure useful, tho' a whole *Joyn* of the latter is quite lost, and

and the former remains very crooked; the whole Hand is as serviceable to him, as a maimed *Fore-finger* and *Thumb* will permit. He was here in 94, and 95, but to *drink* the *Waters* only; but neither *bathed*, nor *pumped*, or but very little if at all.

O B S E R V. II.

The Right Honourable the Earl of *Peterborough*, from a Wound (as I remember) in his *Right Hand*, came lame hither for a Remedy in *July*, 81. His Lordship proceeded in the same, or like Course, and receiv'd Advantage also; and came a second time, and I think no more; but the Collonel oftener.

O B S E R V. III.

The Son of Mr. *Winde*, of *Tewksbury*, about 13 or 14 Years of Age, was sent hither, with a Maid to attend him, in *May*, 93. He had a *Lame Hand* also from an *Inflammation*, and *Abscesse*, caused by a Flux of *Humours* to that Part in a Sickness; which being necessitated to be frequently laid open by the Chyrurgeon that dress'd him, his *Hand* after it was heal'd up, not only became useless to him, but several Attempts

M

were

were made of Return of like Matter to the Part; to prevent which, I caused him to bathe but little; purged him now and then; made him to drink constantly of the Waters, and bathe his Hand, and Lower Part of his Arm, in the Bath-Water at Nights, going to Bed only; or receive it at the dry Pump upon the Lame Part, as oft as the Pump was going, to supply the Water-Drinkers; by the Continuance of which Course, for Six Weeks, or thereabouts, he was so well recover'd, as not to return again another Season.

Accid. 7. A Seventh and Last *Accidental Lameness*, is what follow'd upon Falls, with, or from, a Horse; of which I shall (for Brevity sake) give but two Instances, but those very considerable ones.

O B S E R V. I.

Thomas Andrews, Esq; of *Halson*, in *Northamptonshire*, came hither in *June*, 82. batter'd and bruised from Head to Foot: by a Fall which he had some time before; his Horse not falling only with him, but lying some while upon him. He came hither in a Weak, Painful, and very ill Condition, recommended to my Care by Letter from his very careful Physician, and

and Neighbour, and my very good Friend Dr. *Danvers*, of *Northampton*.

By the Fall he had, some Bones dislocated, but, I think, none fractured; they had been well set again, and he let Blood, tho' late; he was wrapped in warm *Sheep-Skins*; kept a while to a Milk Diet, took *Balsamick*, strengthening things Inwardly, as well as used Outward Applications; last of all he took *Goddard's Drops*, which was supposed to do him most Good. Yet after all this he complain'd greatly of Weakness, and Pains in his *Back* and *Hips*, but most of all in his *Breast*, insomuch, that he could not breathe freely: His *Stomach* also, and *Lower Belly*, had a share of the Contusion. He being wholly left to my Management, after necessary Preparation, I put him upon drinking these *Waters*; after that, upon *bathing*, and towards the conclusion, upon *pumping* the most pain'd and weakned Parts

Some things he took Inwardly, but not much, more than the *Waters*, and at Five or Six Weeks end was much at Ease, got considerable Strength, and return'd greatly advantaged, which encouraged him to come again the next Summer, to confirm what he had got the Year before; and so several Seasons after, but at some distances. He was here in 94, very well, and lusty; and

that to *drink the Waters*, rather than *bathe*.

OBSERV. II.

Much in the same Circumstances, and from a like Cause, and in the same *Summer*, was a young Gentleman, brought hither by his very tender Mother, who was in great Affliction for him, lest it should bring him into a *Consumption*, or leave him a Cripple all Days of his Life; Mr. *John Hollworthy*, a Gentleman since, and now, very well known at the *Bath*, and coming almost every Year, more for Diversion than Necessity; and to *drink these Waters*. He had over and above Mr. *Andrews* his Complaints, (which were from the *Contusion* & a *Paralysis* of one *Side* from the Concussion of his *Brain*, (as was judg'd by the Physicians that sent him hither) and therefore took often *Volatile Salts*, and *Spirits*, and many *Cephalicks*. He was indeed very lame, and in a weak Condition when he came first hither; yet by the Means above-mention'd, and *drinking* sometimes the *Waters*; *batheing* and *pumping*, as his Condition would permit, he got Ground by little and little, and came some Years following, till he had recover'd a better Health, and a readier Use of his *Limbs*; there still remains a Stiffness in one
Knee

Knee and *Hip*, which makes him limp a little when he goes, which Mr. *Andrews* doth not at all.

OBSERV. III.

And now, for a Conclusion to this Seventh Chapter, and to anticipate an *Objection*, that I foresee may be made by those that envy the Reputation of the *Baths*, I shall add an Observation or two more, tho' I intended here to conclude it. The *Objection* is ;

Object. They will say that most of those lame, enfeebled Persons, brought by me for Instances of Recoveries here, were either Young, and Growing, People, or at their ripe Age, which might greatly assist this their Remedy (tho' amongst the Recited Cases, you will find some (and those not a few) of a considerable Age, and others much declining) therefore I shall give you one Instance of a Gentleman, past Fourscore and Three ; who, after a most severe Fit of the *Gout*, which had run all over his Body from Joynt to Joynt, till at length it settled upon the lower Parts, and render'd them altogether useless ; so that he could not so much as use Crutches, unless a Servant or two went by him.

It was my Wife's Father, Mr. *David Tryme*, of *Wooky*, in the County of *Somerset*, near *Wells*. He had, from between Fifty and Sixty, been subject to *Fits of the Gout*, but at great distances; sometimes a Year or two, or three, between the Fits; tho' he hunted, and now and then drank chearfully with his Friends (as the Gentlemen of that Country did then, and still do) and rode in all Weathers. When he had a Fit, his main Care was to get Ease as soon as he could, and in order to that, he had (or rather his excellent Wife, (who was more than half a Physitian, and Chyrurgeon, to her poor Neighbours) procured divers Receipts for *Plaisters* and *Oyntments*; with a *Probatum est* at the end of them. These he ordinarily used when the Pains were violent, and if one answer'd not, went on to another. This did well enough when Strength and Vigor lasted, but at the Age, I but now mention'd, 83. When that good Wife of his had been long dead, and his, no worse, Daughter (who supply'd her place in those Charitable Offices, as well as keeping her Father's House) was marry'd to me, that lived at sixteen Miles distance; and a severe *Fit of the Gout* seiz'd him; first, at his *Toes* and *Fingers*, and he (impatient under the Pain) causing those
that

that were about him to apply what gave him most Ease in the last Fit; not considering whither it was repercussing or no; this mov'd the Distemper still upward, and they follow'd it with the same Applications, till he fell into Fainting Fits; out of which he was, with Difficulty (and but for a while) got out, with strong Waters. Then, and not till then, was I and his Daughter, my Wife, sent for.

I quickly perceived what Error had been committed, and gave him brisk Cordials, that mov'd, *à centro ad eircumferentiam*, from the *Heart* to the *Limbs*: This threw out the *Gout* so violently upon his *Hips*, *Knees* and *Feet*, that he was, for some days, in most excessive Torment, but free from Faintings. He chose rather (as old as he was) to bear that, then to run the risque of Dying, by applying again his Plaisters. In a little time *Patience* and *Posset-drink* conquer'd the Difficulty, for the Pain ceased by degrees, but left so great a Weakness that he could neither go nor stand, and such a Stiffness at *Hips*, *Knees*, and *Ancles*, that he could not move a Joynt, to extend his *Legs*, but was lifted up and down by main Strength by his Servants. This was in *July*, 1659. and he held thus all the following *Winter*, about the latter of which, calling to see him,

(as I used to do, riding that way to some Country Patients, to whom I was sent for) enquiring of him how he did, He answer'd me that he was free from Pain, and as well as he could hope to be ; *I eat well, and sleep well, but I am a Cripple ; what shall I do for that ?* I told him that I knew no Remedy for him unless he would come to the *Bath* ; which it seems he had formerly been frightened from, for fear of bringing a Fit of the *Gout* upon him. I told him that if he would use such Preparations as I would advise, and come at the Season that I should appoint, and use the *Bath* as I did direct, I would undertake it should not bring the *Gout* upon him. He consented to it ; I sent to him in *April* following ; he came ; and after Preparation, used the *Queen's* and *King's Bath* ; but lifted in and out by two strong *Guides* ; drank some (but not often, nor much) of the *Waters*, (for he thought *Sack* more agreeable to his Age . After three Weeks *bathing*, going one Morning to see him in the *Bath*, (which is a usual Complement we pay our Patients here) I found him walking between his two *Guides*, without their Help, and wishing he could go as well by Land as he did by Water : By and by he bid his *Guides* stand off, saying, *I cou'd swim once* ; he set himself a swimming, and

and swam twice round the *Cross* in the *King's-Bath*; so much had that little *batb-ing* loosened the stiff Joynts, as well as strengthened the weakned Parts; He went on to recover; left his Crutches behind him; hning them up for a Trophe, and had no severe fit of the *Gout* all his Life after, which was five Years or more, to the 88th. Year of his Age, if not somewhat beyond. And had he not made too much Haste to recover his Eye-sight (which was almost lost by *Cataracts*) he might, probably, have liv'd many Years longer.

For, contrary to Dr. *Turbervile's* Advice, (who counsell'd him to stay till he had been quite blind, when the *Cataracts* would have been ripe, and then he would not have question'd but to have holpen him to a Guiding Sight, at least, by *Couching* of them). He hearing of one in *London*, in whose House *Stephkin*, the famous Occulist, formerly lodged (Father to my Lady *Fay*, who also profess'd Eye-mending).

This Fellow having seen Mr. *Stephkin* often perform that Operation, thought himself very able to do it, and set up for himself, (when his Lodger was dead,) and had a considerable Reputation for this Operation. This old Gentleman made a *London-Journey* at 87 Years of Age, or more; sub-
mits

mits to this Fellow's Cure ; who (without any kind of Preparation, of *bleeding*, or *purging* ; both which should have been done, and he could well have borne, as old as he was) perform'd the Operation, without any Regard, whither the *Cataracts* were ripe or no: This brought such a Flux of Humours first to that Eye, (for he had Couched but one) then to the other, afterwards to the whole *Head*, that he could never after have it wholly diverted, but caused him to lead a miserable Life the remainder of his Days, which was not very long ; about a Year and some Months, after his Return from that *London* Journey ; and that ill-timed, and ill-managed Operation.

OBSERV. IV.

Whilst I am reviewing my Papers, in order to the making of them publick, I have the happy Opportunity of adding a Fourth Observation, almost of equal Concern with that immediately foregoing.

Robert Long, Esq; of *Prior-Stanton*, in the County of *Somerset*, in the 89th Year of his Age, being greatly enfeebled with frequent, and severe Fits of the *Gout*, as well as with the Decays of an Age, to which, scarce one in Fourscore Thousand attains ; being
weak

weak in his *Limbs*, and tender in his *Feet*, and stooping under the Burden of so many Years, came to the *Bath* in *July*, 95. and stay'd here three Weeks, and in that time was put in the *Cross-Bath* 14 or 15 times; which he not only endured well, retain'd a good *Stomach*, and had no Return of his Adversary, the *Gout* (of which truly I was not unapprehensive, and gave him Caution of) but he return'd home manifestly refreshed, went much more erect and nimbly, and with less assistance, retains a smooth, fresh, and florid Countenance, and is as likely to pass another seven Years, as he was three seven Years past.

Not many more of the sort of these two last Instances (tho' I assure you I am not without some) but very many of those *Accidental Lamenesses*, might have been here added, but I hasten to another Subject; *CUTANEOUS DISEASES*, which will be the business of

CHAP. VIII.

AND now, at length, we are come to what indeed had the best pretence
to

to have been first mention'd, and that is *Distempers* of the *Skin*, Eruptions, or Breakings out, as they are commonly call'd. For if we give any Credit to the received Tradition, the first Cure that ever was wrought here was of this sort; and upon him that first discover'd these *Waters*, which was the reason of (afterwards) building a City in this place. The Story, in short, is this, believe as much of it as you think fit.

B L A D U D, eldest Son to *Luc. Hudibras*, (then King of *Britain*, and the eighth from *Brute*) having spent eleven Years at *Athens* in the Study of the Liberal Arts and Sciences (that City being in those Days the chief Academy, not only of *Greece*, but of this part of the World also) came home a *Leper*; whither from that hotter Climate he had conversed in, or from ill Diet, or Infection, it doth not appear, those unletter'd times giving down little or no Account of things (though of greater moment) then transacted; but a *Leper* he was, and for that reason shut up, that he might not infect others. He, impatient of his Confinement, chose rather a mean Liberty than a Royal Restraint, and contrived his Escape in a Disguise, and went very remote from his Father's Court, and into an untravell'd

vell'd part of the Country, and offers his Service in any common Imployment; thinking it (probably) likelier to be undiscover'd under such mean Circumstances than greater. He was entertain'd in Service at *Swainswicke* (a small Village, two Miles from this City) his Business (amongst other things) was to take Care of the Pigs, which he was to drive from place to place, for their Advantage in Feeding upon Beach-Masts, Acorns, and Haws, &c. the Hills hereabouts then abounding with such Trees, tho' now few, of the two first, remain: Yet there is a Hill, close upon the South Part of this City, that still retains the name of *Beachen-Cliff*, tho' there is scarcely a Beach-Tree left upon it.

He thus driving his Swine from place to place, observ'd some of the Herd, in very cold Weather, to go down from the Side of the Hill into an *Alder-moore*, and thence to return, cover'd with black Mud. Being a Thinking Person, he was very solicitous to find out the reason why the Pigs that wallow in the Mire in the Summer, to cool themselves, should do the same in Winter; observ'd them farther; and following them down, he at length perceiv'd a Steam and Smoak to arise from the place where the Swine wallow'd. He makes a way to it,
and

found it to be warm; and this satisfied him, that for the Benefit of this Heat the Pigs resorted thither.

He being a *Virtuoso*, made farther Observation; that whereas those filthy Creatures, by their foul Feeding, and nasty Lying, are subject to Scabs, and foul Scurfs, and Eruptions on their Skin, some of his Herd that were so, after a while, became whole and smooth, by their often wallowing in this Mud.

Upon this he considers with himself, why he should not receive the same Benefit by the same Means; he tries it, and succeeded in it; and when he found himself cured of his *Leprosie*, declares who he was; his Master was not apt to believe him, at first, but at length did, and went with him to Court, where he (after a while) was owned to be the King's Son, and after his Father's Death succeeded him in the Government, and built this City, and made these *Baths*. An old Manuscript Chronicle that I have by me, (tho' it hath much larger Stories of other Kings before, and after, him, even from *Brute* himself) hath this only of King
B L A D U D.

‘ When Lud-Hudibras was dead, B L A-
‘ D U D his Son, a gret Nigromancer, was
‘ tho made King, and he made the Wonder

‘ and

and the Mervils of the Hote Baths by his Nigromancy, and he Regned xxi yer, and after he dy'd, and luth at the New-Troy.

How true the Story above may be I know not, but I am sure there is nothing impossible in it, nor very improbable, and every Jot as likely, as that *Charles the Great* should find the Baths at *Aix-la Chapell* by the Tread of his Horse, when he was riding a hunting, as *Monfieur Blondell* relates: And it may be the Pigs had a Share also in discovering the Neighbouring Baths, at *Borcett*, the same Author saying that they are call'd *Thermæ Porcetane*, from the wild Pigs frequently coming down from the Neighbouring Mountains; perhaps to warm themselves, as ours did into the *Alder-Moore*. But whatever be thought of this or that, I do know that for more than forty Years that I have lived here, there hath not one past, wherein there hath not been more than a few Instances of very great Cures done upon *Leprous*, *Scabby*, and *Scurfy Persons*; and more perhaps might have been (at least sooner) done, if they had bathed, as he did in Mud and Water together. But the nicety of our Age is satisfied with nothing but fresh Baths; whereas in many Cases (and this particularly) the Mud is as effectual

effectual. if not more so, than the purest of the *Water*.

So many Cures on these kind of Distempers are yearly done, that this Virtue of the *Bath* is so well known, that it seems almost Superfluous to bring many Examples of it. However, that this *Head* may not be alone, without its particular Instances, I shall give some few Eminent ones, and proceed to the *King's-Evil*; which tho' it doth not always break the Skin, yet sometimes it does; and when it does not, by swelling the *Lips*, and *Glandules* of the *Throat* and *Neck*, and sometimes the Joynts of the *Fingers* and *Hands*, it becomes a Disfigure, and therefore not altogether improperly brought in, in this Chapter; and indeed is of equal (if not greater) Difficulty to be well cured, with any of the other, and requires as much Time and Patience, for the Performance of it; and yet I have seen several recover'd by *bathing* and *drinking* these *Waters*, and using some Specificks withal; and many more alleviated, and put in a better way of Recovery, if not perfectly restor'd; three or four Instances of which I shall add also; but first of the *Leprous* kind.

OBSERV. I.

Thomas St. Lawrence, Esq; (for he was known here by no other Title, tho' he was indeed a Baron of *Howith*, and therefore *Lord Howith in the Kingdom of Ireland*) a young Gentleman of about fifteen or sixteen Years of Age; he was sent hither in *May, 79*, by *Dr. Meara*, an antient Physician, then practicing in *Dublin*, but had formerly lived (for some Years) in *Bristol*, and had great Practice all about this Country, and in this City too, when I came first to live here.

He recommended this Patient to the Use of the *Bath*, and my Care, and Directions, with this Description of his Case: ' That
' for seven Years past, he had been afflicted
' with a perverse *Scabb*, tending to a *Lepro-*
' *sie*, which had hitherto yielded to no Me-
' thods, nor Medicines, and therefore was
' sent to experience this as a last Refuge;
' advising withal a diligent Preparation by
' *Bleeding*, *Purging*, and a cool attemper-
' ing Diet, and drinking the *Waters*, and
' *bathing* in their Turns. I first caused him to be let Blood, then purg'd him with *Calomelinos*, and made him drink the *Waters* for a Week, or ten Days; then purg'd him as
N be-

before, and *blead* him again; after which; he was put first into the *Cross-Bath*, then into the *Queen's* and *King's*. In the mean time he used *Alteratives*, wherein the Powder of *Vipers* bore a considerable Share. He was let Blood, in all, three or four times, *purg'd* as often, or oftener; *drank* the *Waters*, and *bathed* in their turns, for five or six Weeks, and was prescrib'd a regular Diet, Cooling and *Attenuating* Salt, and *Sharpe Humours*; I cannot say he kept very strictly to it, for he took those Freedoms which young People are apt to do, that consider not of what Value Health is, and therefore are readier to gratifie their Senses than their Reason; yet, for all this, he was perfectly recover'd, and held well many Years after, as I was inform'd by some Friends of his, out of those Parts of the Country, where he liv'd.

OBSERV. II.

A poor Fellow from *Coleshill*, in *Warwickshire*, came hither in the year 84, and was permitted to use no other than the *Leper's-Bath*, (which is fill'd with the waste-Water of the *Hot-Bath*, and not so often changed and cleansed as the other Baths are; and therefore, perhaps, having some of the Mud mix'd

mix'd with it (as was intimated before) cures these Eruptions more effectually and speedily than the others do. He was allow'd a Covert (rather than a Lodging) close by, where they lye upon Straw, and have no Allowance to maintain them, but what the Charity of well-disposed People gives them. This Man was so much a *Leper*, that I never saw any come nearer to the Description of that Disease in *Leviticus*, than this Case did. As most Physicians that have written of *Psoaras*, distinguish *Leprosies* into that of the *Greeks*, and that of the *Arabians*, so we may, I think, add a third, that of the *Jews* too, for it seems to me (as there describ'd) a peculiar Distemper; it could never else have infected Walls and Houses. It was the Advantage of this poor Fellow, that he was so very bad; for at that time there lodged in my House, and was my Patient, a very worthy Person of Honour, the Earl of *Plymouth* (formerly Lord of *Windsor*) who discoursing me one day at his own Table, about Cures done at the *Bath*, asked me if I had ever seen here any one that was truly a *Leper*, as is describ'd in the *Old-Testament*.

I told his Lordship that I never saw any one that suited with all the Particulars there mention'd, but there was one; now in Town,

at the *Leper's-Bath*, that came the nearest to it that ever I had seen any. His Lordship desired that he might see him; in the Afternoon I sent for him; and after much Enquiry how it began, and how long he had been in this Condition, &c. he gave him Half a Crown, and so weekly for six or eight Weeks, in which time, by *drinking the Waters*, and *batbing*, and some cheap *Alteratives*, he was greatly recover'd, and went back so well, that the Summer following I had a Letter of Thanks from the Parish, written by the Minister of the Place, Mr. *Gresill*, (a Reverend Divine, and a Prebend of *Litchfield*) wherein they thanked me, not only for assisting him with my Advice, but also for laying him in the way of my Lord of *Plymouth's* Charity; without which, he could not have stay'd long enough to have perfected his Recovery: For Continuance in the Use of Means, is absolutely necessary to the Cure of all Stubborn, and Inveterate Diseases; but especially those of the *Leprous* Kind, as will be evidently manifested by the following Observation.

OBSERV. III.

A *Woodmonger* of *Stanes*, (his Name I cannot recollect) brought a Son hither, about Twelve or Thirteen Years of Age, who from his Infancy was subject to a *Vitelligo*, (upon first sight of it I judg'd it to belong to that kind of Eruption). It would be out sometimes more, sometimes less, but always something, in greater or lesser Splotches; but mostly upon the *Neck*, *Elbows* and *Knees*, sometimes in the *Face* and *Head*, *Arms* and *Thighs*. A branny white Scurf fell away, more or less from it, and it was no small Disfigure to him; which (with the fear that it might at length become an exquisite *Leprosie*) put his Father upon bringing him hither for Cure. He applying himself to me for Directions (being advised so to do by some that had formerly been my Patients (perhaps) in the like Case) and resolving to stay here with him till he was well, desired me to hasten his Recovery what possibly I could. I told him such Distempers did not use to be quickly remov'd, especially when it was born with the Patient, as this seem'd to be with his Son; and for that reason he ought not to expect a sudden Recovery. Cleanse him

probably it might, by a Week or two's bathing, for the present (tho' with some it brings it out more at first) but the whole Mass of Blood must be alter'd, as well as the Skin heal'd, before there could be Hopes of his continuing well.

The Father stay'd a Month or more, and then would have taken back with him his Son, in Hopes he might have been better after he had been gone hence. There still remain'd Signs of the Spots, tho' the branny Scurf did not rise so much, nor so often, as before. I ask'd his Father whether he did not put his Son to a Boording School? He told me he did: Why may not you then, said I, do that here as well as in *Surry*, or *Middlesex*? And if you will so do, I will order it so, that his taking the *Waters*, *Physick*, and *Bathing*, &c. shall not much hinder his Schooling; and do not doubt but that if you return (or send for him) this time Twelvemonth; or rather *Michaelmas* next come Twelvemonth, you will see him perfectly recover'd, beyond the fear of a Relapse, which I can not promise now, if you take him away presently. He consider'd of it, took my Advise, left his Son here a Twelvemonth; and though I could not keep him regularly to the drinking of the *Waters*, (but bathe he did every Night,

Night, almost, after he had done Schooling, and willingly took Physick sometimes, because that gave him a Play-day) yet he return'd recover'd, and had been so some Months before he went hence, and continued (as the Proverb says) as whole as a *Tench*, and as sound as a *Trout*.

OBSERV. IV.

Mrs. *Dorothy Beddingfield*, about Twenty Years of age, having had a *Scrophulous Tumour* under her *Chin* for some Years, but never brake, nor was discolour'd, was sent hither in *June*, 75, by the joynt advice of Sir *Thomas Browne*, Sir *Thomas Wetherly*, and Dr. *Edward Browne*, and by them recommended to my Care, and to lodge in my House. She had, before this, taken of the Decoction of *Guaicum*, *Sarsa*, *Scrophularia*, *Rad. Chelidonia*, *Min: Gladiolæ*, &c. and sometimes *Chalybeat Medicines*, as I understood by Dr. *Browne's* Letter, which he sent with her; which also told me, that at *Aken*, in *Germany* (where he had been in his Travels) they drank the *Bath-Waters* in these Cases with Success; and therefore proposed her drinking of these, as well as *batking*.

After purging she began upon drinking the *Waters*, and with them took *Diuretick*

Alte-

Alteratives, wherein the Powder of *Millipedes* was an Ingredient. After a while *drinking* she *bathed* also, and *wash'd* the *Tumours* with the *Bath-Waters*, at Night, those days that she *drank* them. She continued this Course a Month or five Weeks, in which time the Swelling manifestly abated. Whither it went on so to do, to her perfect Recovery, I could never hear.

OBSERV. V.

My Lord *James Butler* (then eldest Son to the Earl of *Ossory*, and since, (upon the Death of my Lord Duke, his Grandfather) and at this time, Duke of *Ormond*), came hither in *June*, 77, with a Chyrurgeon to attend the dressing of his Wound, which was upon the last Joynt of one of his *Thumbs*; it was by all judg'd *Scrophulous*. He drank the *Waters* mostly, but sometimes *bathed*, (at least that *Hand*, both Night and Morning in his Chamber). His Lordship continued here five or six Weeks, or more; the Wound digested better upon it; afforded a more laudable Quitture; was more disposed to healing; all which encouraged his Coming another Season, and was at length perfectly cured.

I have not had the Honour to see his Grace these many Years, but have been inform'd that he holds perfectly well, of that Distemper.

OBSERV. VI

Mr. Benjamin Mildmay, aged Ten or Eleven Years (second Son to the Lady Fitz-Walter) out of Essex, was brought hither by the good Lady his Mother in June, 81. He had then (and some Years before) several Sores running upon him, and discharging a clammy Viscous Matter, with some Blood, seldom any white, or well digested, Quitture. After a fitting Preparation, he both drank the Waters, and bathed, and took peculiar Alteratives, Traumaticks, and Antiscorbuticks, and found considerable Advantage the first Year, which encourag'd my Lady his Mother to send him a second time, in July, 82. (with a Neighbour and Friend of her Ladyships, that came to use the Bath for a Lameness) and that render'd him in a manner well. Whither he held the Advantage he receiv'd here, I have not had the Opportunity to know, having not seen, or heard of him these many Years.

OBSERV. VII.

In much the like Case (but upon the *Hand* only) was a pretty Boy of Monsieur *Du Puy's* (then Servant to the Duke of York) he was about Nine Years old. His Illness first came after a Squat upon his *Hand*; to which fell a *Humour*, and made it a *Running Sore*, which yielded to no Chyrurgery, and therefore was judg'd *Scrophulous*. He had been touched more than once, which he could not want the Opportunities of living so near the Court. His Father came down with him Two Years following; he both drank the *Waters*, and bathed; took *Vulneraries*, and other *Alteratives*, and was greatly advantaged by his first Coming, and at the second, perfectly cured; and (as I have been inform'd) without Relapse: But I have not seen him since he went from hence; for he was immediately sent over into *France*, where (if living) I suppose he yet continues.

C H A P. IX.

HAVING thus dispatch'd those Distempers, that have had Cure here, to which, both Sexes are equally lyable; and having given Instances of both upon each Head, we now come to those Maladies that are peculiar to the *Female Sex*.

And here, I hope, it will not be expected, that, in every Case, I should name the Persons, as I have done hitherto, for the most part. The Modesty of their *Sex*, and the Respect we owe them for it, challenge an Exemption from publishing their Names, at least in some of their Infirmities. And since God and Nature hath given them the heavier end of the Staff, in bearing the Burthens of this Life, we ought (in good Manners, as well as in Justice) to make it as easie to them as we can. Where it will well consist with Decency, I shall adventure to name some, but in some other Cases I shall desire to be excused; for I do not forget I had a Mother, a Wife, and two Daughters, to whom I owed, and (I hope) paid, Duty, Respect, and Love, and can hardly forbear to perform it to their Memories: I would therefore publish nothing, concerning that
Sex,

Sex, that I did think they would dislike, if they, or any of them, had lived to read it. And farther, as old as I am, I would not, in the least, offend any of that *Fair part of the Creation*, but would die, as well as live, in their good Opinion.

Womens Diseases are either such, as they are subject to when they are young, or when more adult; when marry'd, or when unmarried; when Childless, or when they have had Children.

I shall therefore divide this *Chapter* into five *Sections*, and give some few Instances upon each. The first of,

S E C T. I.

The *Virgin Disease*, the *Green-Sickness*, where will be occasion to speak of the want of the *Catamenia*, and with this is many times joyn'd the *Hysterick Passion*, or *Fits of the Mother*, and of which I have seen very many here recover'd, when all ordinary and usual Methods and Means have fail'd. Nay, the same *Apperitive Medicines*, that have avail'd nothing before, have here, with moderate *bathing*, and sometimes *drinking the Waters*, been very effectual. Of this I shall give a few Instances of many that I could produce. And since it hath been their Misfortune, rather than

than their Faults, to be thus affected, I shall venture to name their Names ; and first,

OBSERV. I.

Mrs. *Elizabeth Eyles*, from the *Devizes*, in the County of *Wilts*, aged 16, being very far gone in the *Green-Sickness* ; and having *Mother-fits* withal, was sent to my House by her Relations, for Cure. I had then considerable Business in those Parts, when I attended a Riding Practice, and was consulted for her at her Father's House ; and I prescrib'd several things, but nothing prevail'd ; for which Reason she was sent hither, to try what they would do, with *bathing*, for without it they signified little ; tho' the same Means had been very beneficial to others, that seem'd to be under the same Circumstances.

She came hither in *June*, 57, Pale, Thin, and Stomachless, Faint and Tyrie, upon the least stirring, and very often *Hysterical*. But under all this of a Meek, Governable, and Excellent Temper, and would chearfully take, and do, every thing that was prescrib'd her ; which (as to Medicines) was very little different from what she had taken before, *viz.* *Peptick-Powders*, *Anti-Cachecticks*, and *Hystericks* : These, with *bathing*,
(for

(for she *drank* little of the *Waters*) in a Month, or Six Weeks time, restor'd her to a good Stomach, a fresh Colour, and to those Customary Benefits which young Women of her age ought to expect, and hope for; and upon which the *Mother-Fits* wholly left her.

She was, afterwards, marry'd to a Kinsman of mine, Mr. *Samuel Pierce*, now of *Alston*, near *Kings-bridge*, in *Devonshire*, and lived several Years with him; as good a Wife as she was a Patient, and left him Three Children when she dy'd, which are still living; the very kind Husband, and Father, continues a Widower, tho' it be more than Twenty Years ago, that he sadly parted with her.

OBSERV. II.

A Daughter of my Lady *Berisford's*, out of *Ireland*, aged 19, was brought hither by her Lady Mother in *June*, 93. My Lady's chief Business into *England* was her fair Daughter's Recovery, which she despair'd of in *Ireland*: She call'd, (and took Advice) in *London*, but stay'd not long there, but hasten'd to the *Bath*; for (besides other Symptoms, that usually accompany this *Virgin Disease*) she had a great Weakness in

in her *Arm-wrists*. This the modest young Lady easily acknowledg'd to me, but would admit of no farther Discourse; I was fain therefore to apply my self to my Lady her Mother, from whom I understood that she had her *Catamenia* very early (at Twelve Years of Age) and that they seldom wholly fail'd her (at least for any long time together) from the first; but in colour, and quantity were not as they ought to be. Besides the usual Discolour of the Face, Want of Appetite, Spirits, and Strength, &c. as have been describ'd, in the Preceeding Observation: She was more than ordinarily troubled with *Vapours*, and strange *Fits*, (doubtless *Hysterical*) which would swell out the *Sternum* as big as a large *Fist*, by degrees, and fall again accordingly, as the *Fit* went off. I put her first upon drinking these *Waters*, with *Apperitives* and *Hystericks*; afterwards bathed her, and interchanging between whiles, drinking and bathing, she stay'd Seven Weeks, and at the end of that time went off so well, that she seem'd to need nothing more to be done for her, by a Physitian. I hope my Lady, her Mother, (by giving her to a good Husband) prevented a Relapse.

OBSERV. III.

Mrs. *Elizabeth Wayte*, about 20 Years of Age, having a great share of this *Tyric Distemper*; came hither in *August*, 82, with a Sister of hers, to be helpful to her, as well as to keep her Company. Besides that she look'd Pale, Yellow, and Black under the Eyes, &c. with the *Green-Sickness*: She seem'd also to have the *Jaundice*, *Scurvy*, and *Dropsie* (for her Feet and Legs swell'd) and she had Itchings upon her Arms and Legs, was short-breath'd, had distended *Hypochondri*s (especially the *Right*) was Hot and Dry, inclining to a *Hectick*. Upon any Disturbance (from little sudden things) apt to *Tremblings*, and *Palpitation of the Heart*, and *Giddiness in the Head*, &c. This Illness began Five or Six Years before, not being well purg'd after the *Small-Pox*. She could not now walk the length of her Chamber, without panting, and sinking under the Burthen of her own Emaciated Body. She greatly complain'd of the *Palpitation* of her Heart, a Symptom incident, more or less, to all that labour under this *Virgin-Distemper*, and indeed all *Cachexies*, and great *Obstructions*; whether in Men or Women; whither Young or Old.

Of which I shall have occasion to speak particularly in the second Book, when I come to treat of Drinking of these *Waters* chiefly.

This young Gentlewoman was so dispirited by her long continued Illness, that she could hardly bear the working of a gentle *Purge*, which was given her as a Preparation for *drinking* the *Waters*, and *bathing*. She began with the first, and that in small Quantities; afterwards *bathed* in the *Cross-Bath*, and took *Deoppilatives* and *Anticachecticks*, and improv'd so well upon them, that in Five or Six Weeks time she could walk the Town, and into the *Meddows*, and at length recover'd a good Stomach, and a fresh Colour in her *Face*, and some Flesh upon her Bones, and all her Swellings fallen. Seeing her a Year or two after, I found her as plump, and as brisk, as any of her Sisters, which were all comely young Women.

OBSERV. IV.

I shall add a fourth Observation upon this Subject (tho' I thought to have given it off here) because there is something in it different from the former, which is a depraved *Appetite*. For I am apt to think that it is not so much the eating of *Oatmeal*, *Wheat*,
O *Salt*,

Salt, Mortar, and other such Trash, that usually brings this Distemper upon young Girls, but the Diseases rather depraving the ferment of the Stomach, puts them upon longing after uncouth things, as breeding Women sometimes do. This seem'd to me to be apparent from the following Observation.

A *French Man* (and *French Merchant*) *Monsieur La Chambre*, his Wife coming to the *Bath*, for a great *Lameness*, in *August*, 88. (of which *Infirmity*, she was at two Seasons very well recover'd) brought with her a Daughter, of about 13 Years of Age, which look'd much of the Complexion of the things she used to caress her self withal, and was faint, and tyrie, and heavy-headed, &c. Her Mother (willing to stop two Gaps with one Besh) as I came one day to visit her, told me her fault, (for the Distemper shew'd its self) and ask'd my Advice, which I gave, and she follow'd. After a *Vomit*, and some *Purgings*, I put her upon drinking these *Waters*, which she stuck to very close, and they pass'd exceedingly well with her; I caus'd her to bathe too, towards the Conclusion; and in a few Weeks time she would rejoyce more to see a *Shoulder of Mutton* well roasted, than a *Handful of Mortar* out of the Wall, or a *Platc of Oatmeal*, the usual Vands

Viands she formerly delighted in. In short, the *Waters* wash'd the ill Ferment out of the Folds of her *Stomach*, which depraved her Appetite, and renew'd the true Genuine Acidity, or *Dissolvent-Menstruum*, which causeth Hunger, and promoteth Digestion: or, if you would rather have it in the terms of a late Author, Dr. Coward, the *Spiritus Volatilis Oleosus*, which he takes to be the true Instrument of Concoction, and Nutrition. And the *Bath* getting new Life and Vigor into her *Limbs*, she became better colour'd, active and strong, and fed upon what produced good Nourishment: For when I call'd, a Year or two after, to visit her Mother, at their House, in *Fenchurch street*, in *London*, she was become a Healthy young Woman.

S E C T. II.

Thus much for *Virgins*, we come now to *Marry'd Women*, and we begin with those which never had a Child, till render'd fruitful by the *Bath*: And this is an Effect of *bathing*, so very well known already, and so generally assented to, that when any one comes hither that is Childless, they presently say that *she comes for the common Cause*. To instance, in all that have sped in this Errand, since my coming to live here, were

to fill a Volume, bigger than all these Observations were intended to make.

I have given an Account of two already, that having no such Design in their Coming hither, have, *præter spem*, unexpectedly, prov'd fruitful afterwards. One was Mrs. *Duffewaite*, Chap. 4. Observ. 8. the other Mrs. *Biscoe*, in Chap. 6. Observ. 7. in Mrs. *Waller's* Case, to which I referr, and shall add two or three Instances more, and so pass on to the next *Section*.

OBSERV. I.

Mrs. *Hawkins*, of *Marlborough*, in the County of *Wilts*, Forty Years of Age, having been marry'd Thirteen or Fourteen Years, and never had been with Child, in all that time; and probably giving over the hopes of ever being made a Mother, was Lame and Ill, and came to this Place for Cure. Her Case requir'd long, and much *bathing*, which she patiently endur'd; and had not only Recovery of the Distemper she came for, but also, afterwards, had five Children at some Years distances.

OBSERV. II.

My Lord *Blessington's* Lady, Daughter to the Countess of *Montwroth*, from the Kingdom of *Ireland*, a very weakly and sickly Person, having been some Years marry'd, and never had a Child, came to the *Bath* in *June*, 80. for Health, as well as for Children; and did both *drink* the *Waters*, and *bathe*; and used Remedies suitable to the Symptoms she complain'd of; and, by the Blessing of God upon the Means, she not only recover'd a better State of Health, but afterwads became a Mother of Children.

OBSERV. III.

Madam *Heskinstyles*, a *Dutch* Merchant's Wife of *Amsterdam*, but Daughter to Sir *John Eyles*, of the *Devizes*, in the County of *Wilts*, having been some Years marry'd, and not Conceiving with Child; being of a Fat, and Plethorick Habit of Body, (which usually is not the aptest to have Children) came to the *Bath* in *June*, 86, and drank the *Waters*, tho' not altogether so regularly as others did, and bathed about Five or Six Weeks. Not long after she return'd home, she prov'd with Child, and had a Daughter,

O 3

ter,

ter, which lived, and was here with her Mother in 93. What Children more she hath had, I do not well know.

S E C T. III.

The third sort of *Womens Cases* proposed to be spoken to, is of those that have had a Child, or Children, but have left off bearing for some time, and have renew'd Conception upon using the *Bath*. Many and great Instances have been here had of this particular Case. I shall content my self to have mention'd a few that may be enquir'd into, and possibly may be believ'd; the rest must be silenced.

O B S E R V. I.

Mrs. *Clement*, a Citizen's Wife of *Bristol*, about Forty Years of Age, had been a Mother of Children, but was so unhappy as to see them all buried; and after Nine Years ceasing, to conceive with Child, and giving over the Hopes of it; being afflicted with *Rheumatic Pains*, came to the *Bath*, in the year 87. She lodged in my House, for the Conveniency of a Gallery, which I have leading into the *King and Queen's-Bath* (the fittest for most Purposes, because in one or o
other

ther of them, you find the several degrees of Warmth, which best suit with all Cases and Tempers of People.) She follow'd her *bathing* diligently, for a Month or Five Weeks, (till she found Ease of her Pains) then return'd home; and tho' she had so long intermitted being pregnant, and despair'd of ever being again a Mother, yet, in a little time, she conceiv'd with Child, and had, at her due time, two Boys at a Birth.

O B S E R V. II.

A worthy Gentlewoman, of the Family of the *Guises*, in *Gloucester-shire*, but Wife to *Thomas Horton*, Esq; of *Comend*, in the same County; after Seven Years interval, from having a Child, and concluding that she had done breeding, having past the Two and-fortieth Year of her Age, came to the *Bath* for a *Lameness*, occasion'd by a Fall from a Horse; she stay'd a due time for the Recovery of such an Infirmary; went home, and quickly Conceiv'd upon it, and had a Son, who lived to be a proper, hopeful, young Gentleman, but dy'd at Twenty-five Years of Age (a Student at the *Inns of Court*) of (the fatal Distemper to young People) the *Small-Pox*.

O B S E R V. III.

Mrs. Dorothy Davers, of Monkes, in the Parish of Corsham, in the County of Wilts, aged 38 ; having had eight Children before, and staying Six Years from being with Child, and seldom well in all that time ; and being now more than ordinary ill of a *Scorbutical Cachexie*, (inasmuch, that she was judg'd to have both *Faundice* and *Drop-sie*) with some Pains and Weaknesses in her *Limbs*) came to me for Advice, and to be here under my Care and View, in order to her Recovery. Amongst other things, I order'd her the Use of the *Bath*, and with it *Drop-laves*, and *Antiscorbuticks*, upon which, she greatly recover'd, went home well, and was soon after with Child, which she brought to perfection ; and it was a Son, which liv'd about Three Months. A Year or two after that, being very ill again, and fearing a Relapse into her former Sickness, came hither a second time to take my Advice. I order'd her some Physick ; and because her Blood was Excessive Salt, and Sharp, put her upon drinking the *Waters* mostly ; upon her Return home she was again with Child, and had a Daughter, tho' a small and weakly one, but liv'd, and is

now

now Thirteen or Fourteen Years of Age. This Gentlewoman had (after this) two Miscarriages, and last of all, at the Forty-fourth year of her Age, had a lusty strong Child, which yet lives, and hath outgrown her *Bath-Sister*, at Ten Years old. The first of these is Mrs. *Margaret*, the other *Amie Davers*.

You have, in this one Gentlewoman, a double Instance of the Efficacy of these *Waters*; that is, both Outwardly and Inwardly used, in reference to the Case in Hand, both ways producing the same Effect.

S E C T. IV.

The Fourth *Section* will be taken up with the Enumeration of some Instances of Women, that have often been with Child, but have as often Miscarry'd, and at length (by the Use of the *Bath*, and such Appropriate Means, withal, that best agreed with the Constitution of those that suffer'd *Abortion*; and the Reasons of their not retaining to the due time, their Conceptions) have been afterwards enabled to go thorough with their Burdens, and bring forth living, and life like Children. And this also is already so well known, that it seems a needless thing to give particular Instances of it;

it; but (to continue the Method already begun) I shall annex three or four.

OBSERV. I.

Mrs. *Sherrington* (a Grandchild of an Eminent Person of our Faculty, and a Fellow of the Colledge of Physicians, in London, Dr. *Sammon*) after very many Miscarriages, was sent to the Bath, and committed to my Care, by a Letter from her Physician in London, Dr. *Slare*; whose Opinion it was, that she would hardly go thorough with any Child, because she had very weak Nerves, which appear'd by a Trembling of her Hands; and thence he concluded, that all Nervous, and Membranous Parts, were equally enfeebled (the Womb amongst the rest) and consequently not well able to perform their Offices: A probable Conjecture enough; and indeed it becomes an honest, prudent Physician, to fear, and foretel the worst of Events. She came hither with her very kind Mother, Madam *Willett*, in September, 89, took needful Preparations for the Waters, and the Bath, with some strengthening Alteratives, and continued this Course Five or Six Weeks; return'd to *Fullham*, where they then liv'd, and was quickly with Child after, which she brought to perfection,

it proved a Daughter. But within a Year after that, had a Son to her Daughter; and, in little more than another Year, a second Son.

The Son's dy'd quickly, one or both of the *Small-Pox*; the Daughter is yet living, as I am inform'd by her Mother whilst I write this; she being now in my House with her Husband, *Will. Sherrington*, Esq; drinking these *Waters* for a *Scorbutical Atrophy*, joyn'd with *Hypochondriack Melancholy*, Jan. 96.

OBSERV. II.

The Honourable *Craven Howard*, Esq; his Lady (formerly *Madam Ogle*, one of the Maids of Honour to the *Dutchess* of *York*, at her Highnesses first coming into *England*) after she was marry'd, was frequently with Child, but never could bring any to perfection, but at the end of three, four, or five Months, did still miscarry; so that tho' she had been Nine times, or more, Impregnated, yet never carry'd any to the full time. She was at length told, that many in the like Case had found Remedy by using our *Baths*; to which, at long run, she came, and used them regularly a Month or Five Weeks, and by them recover'd so much Strength in those weakned Parts, that she

she retain'd the next Conception (which was soon after she return'd home) and brought it to perfection, and it was a Daughter; which liv'd, and became a proper young Woman. What Children, between, she had, I was not inform'd, but that she had afterwards a Son born alive, but (by what Distempers, or Accident, I know not) both Mother and Son dy'd within the Month.

OBSERV. III.

Something the like Case, was that of my Lady *Killmurry*, (now Countess of *Huntington*, formerly a *Vennables*, and nearly related to the Barons of *Kinderton*.) Her Ladyship, upon her first Marriage, was subject to Miscarry, and did three times at least, but did not delay so long her coming to the *Bath*, as did the Person last mention'd. She was sent hither, and recommended to my Care, by Dr. *Hollins*, and Dr. *Fowke*, two worthy Physicians of *Shrewsbury*, and my very good Friends: Her Ladyship used the *Bath* but one Season, and that but for a Month or Five Weeks; and presently upon her Return home, Conceive'd with Child; went out her full time, and became a Mother

ther of a living, and a lively Son, who was (after his Father's Death) and yet is, Lord *Killmurry*, now about 14 Years of Age. Her Ladyship, after this Son, miscarry'd again twice or thrice, and then came a second time to the *Bath*, and had the same Success; for in a while after was with Child, went out her full time, and had a Daughter, which yet lives.

S E C T. V.

Before I quite dismiss this Subject, I must beg leave to make a small Digression, which will take up a *Fifth Section*, of the *Womens Concerns*.

It is to give some few Instances, that they that have occasion to use the *Baths*, need not forbear coming (tho' with Child) for fear of an Abortion; many having used them under those Circumstances, and found no Inconvenience by it. The occasion of this Digression, is a Passage in Mr. *Guydott's Thermae Britannicae*, amongst his *Nocumenta Thermarum Bathoniensium*, Pag. 361. where he gives a great Caution to Women, newly with Child, not to bathe, lest they presently miscarry; and gives an Instance (out of Dr. *Maplett's Epistles*, as he says; but that

that Epistle was never made publick, (tho' he himself caused some others of his to be printed) in my Lady Bassett, of Clarton, and had the Confidence (out of Malice, or Ignorance, probably the former) to put my Name in the Margin, as that *Alter Medicus* mention'd (as he says) in the Epistle; wherein he is so unhappy (as well as unjust) in taking up Relations upon Trust (as he does other things) that there is nothing of all of it true: For that Lady Bassett was never with Child, nor was Dr. Pierce her Physitian, till some Months, if not Years, after that time: For Dr. Highmore, of Shirborne, advised her Ladyship, at that time, to the Bath, and prescrib'd Remedies for her, as Mr. Chapman, the Apothecary, and his Bills (which I have by me, taken off from his Fyle) can testify. He giving this needless Caution, by which, some, which may have present Need of the Bath, may be discouraged from using of it; I think it worth the while to give some Examples of Women with Child, young with Child; in the first Month, and Months; that have both *bathe*d, and *drank* the Waters, without any likelihood of Miscarrying; and have gone on with their Reckonings, and have not only brought forth lusty Children, but have been better in *breeding* them, and in their

their Month, than they have been with former Children.

O B S E R V. I.

Mrs. Howard (Daughter to *Sir Francis Blake*) out of *Yorkshire*, a comely, and excellently well humour'd Gentlewoman, came hither with my Lady her Mother, in *May*, 1690, for a Weakness in all her lower Limbs, from the Loyns downward, occasion'd (as was supposed) by taking Cold in her Lying in. I was sent for to advise her in the Use of the Bath, which (after due Preparation) I put her upon; not without Enquiry, how it was with her, in reference to her being, or not being, with Child; that I might (as is my usual way to do) manage my Direction accordingly, as to her manner of *bathing*.

Both she her self, and my Lady, her Mother, confidently asserting, that they had no reason to think her a *breeding*, she began, and went on, to *bathe* as others did, that had so much Need of it, as she had; but at three Weeks, or a Months, end, coming to visit, as I used to do, my Lady ask'd me, what if her Daughter should be young with Child? I answer'd, if there were reason to think so, she must, in some things, after her manner
of

of *bathing*, but wholly to give it off, she needed not. She went on to use the *Bath*, and sometimes oftner in a Week, and longer at a time than I advised her, till she had compleated Six or Seven Weeks, and had recover'd the Weakness, which she came for. She went strong and well from hence, and continued so, and was (as I understood by some of her Relations here, the *Summer* following) deliver'd of a lusty Girl at her due time. It appear'd by her Reckoning, that she had newly Conceive'd when she came from home.

O B S E R V. II.

Mrs. *Floyer*, (a Brother's, or near Kinsman's Wife of Sir *John Floyer's*, a Doctor of Physick, in *Litchfield*) was sent to the *Bath* by Dr. *Slare*, in May, 91. chiefly to drink the *Waters*, but sometimes to bathe withal, having often miscarry'd, and being miserably *Hysterical*; inlomuch, that in the Letter to me, wherein he describes her Case, and delivers her up to my Care; he gives a great Caution about her taking *Purging Medicines*, lest they should raise *Vapours*, he not daring to give her any thing stronger than Lenitives for that reason. She was
young

young with Child all the while she was here, drinking the Waters, and bathing, as appear'd by her Quickning, and Delivery of a Son, one of the strongest Children she ever had. She past her Month better than formerly she had done, which was all imputed to the Benefit she receiv'd by these Waters. She came hither about the latter end of May, and was deliver'd of that Son, about the latter end of January following.

O B S E R V. III.

My Lady Cooke, Wife to Sir Thomas Cooke, an East-India Merchant, from London, came hither in June. 91. with several of her Children, and Relations, who used the Bath more for Diversion than Necessity. My Lady had a great Mind to bathe also, not for Company only, but for some Pains her Ladyship used to have in her Limbs; but she was doubtful to do it, knowing her self to be young with Child. Her Ladyship therefore sent for me, to have my Advice in the Case. I told her if she pleased to use the Cross-Bath with that Moderation, as to the frequency of going in, and time of staying there, as I advis'd, she might safely do it, and not be in Danger of Abortion,

P which

which Advice her Ladyship took; *bathed* more than fifteen times, after she was about Two Months gone (as appear'd by the time of her bringing a fully-ripe Child into the World.) Dr. *Slare*, who saw it at Three Months old, thought it as healthy, strong, and as likely to live, as any her Ladyship ever had before, which were not a few.

O B S E R V. IV.

My Lady *Scarburgh*, (Sir Charles his Lady) came several times to the *Bath* for a *Lameness* after *Rheumatisms*, *Gout*, &c. and was still committed, by my old Acquaintance and Friend, the Doctor, to my Care and Advice. She once came when she was with Child (as appear'd afterwards) but she would not, by any Means, believe her self to be so, though it was suspected by the Doctor, her Husband, my self, and others: Her Ladyship therefore *bath'd* on, even to Excess; being earnestly set upon the Recovery of her *Lameness*. She had been some Months gone with Child, before she came hither, and would hardly believe it when she quickned, and felt the Child stir pretty strongly within her, but imputed it to Wind. She continued *bathing* some

some time after she thus felt it, and yet Miscarry'd not.

She being something reliev'd in her *Limbs*, went back to *London*, and at her due time was deliver'd of a Daughter, which they call'd the *Bath-Girl*. She may be yet alive for ought I know, having never heard any thing to the contrary.

OBSERV. V.

Mrs. *Hinchman* (Wife to a Merchant of that Name, Son to Dr. *Hinchman*, first Bishop of *Salisbury*, afterwards of *London*) being very ill; greatly pain'd, and indisposed, came to the *Bath* in the year 75, and stay'd most part of the Winter. Tho' she had been the Mother of several Children, and might have had Reason to suspect, that some of her Illness, at least, might have been from *breeding*; yet (having been better with all her former Children, which were four) she imputed all to a more than ordinary Distemper, and came to the *Bath* for it; bringing her Directions, and much of her Physick with her. She purg'd once a Week with *extractum Rudii*, and bled every now and then. She purg'd with those strong Pills, but the *Sunday* before I was sent for to her,

and was let Blood the *Monday* to Nine or Ten Ounces, She had *bled* ever since she came to Town, three, four, sometimes (when the Weather serv'd) five times a Week, and mostly in the *Hot-Bath*, where she was *Tuesday* near Two Hours; *Wednesday* she went in again, but had not been there past Half an Hour, but her Pains came up-on her (which she call'd *Collicks*) and increased so fast, that they took her out of the *Bath*, and sent for me in all haste. I finding the Pains very different from *Collick Pains*, ask'd her if she was sure she was not with Child? at which Question she was very angry, and importuned something speedily to ease her *Chollick*. That, I told her, I would do, but begg'd leave to send a Woman to her, that might inform me how Affairs went in those Parts, where it was not fit for me to try. I sent that Woman, which happen'd to be almost next door to her Lodging, and went directly to my *Apothecary's*, with Intention to prescribe a *Clyster*, and an anodyne Draught, which I presently went about; but before I had half done, there comes up a Messenger to me, to tell me, that I might save my Pains, for the Gentlewoman was delivered of a Daughter, as well as of her *Collick*; a lusty Child, and at the full time; who, for ought I know,

may be yet alive. Two or three Years after, going to see them in the Bishop of London's House in Aldersgate street, she was well grown of her Age, and healthy. I have not since heard what became of Mother, or Daughter.

And no wonder that the Cautious and orderly Managery of *Women with Child*, in *bathing*, and *drinking* these *Waters*, have such safe and successful Effects, when our *Women Bath-Guides* (for they are not all old Women, and past Child-bearing) go daily into the *Bath*, from first to last, to attend their Ladies, and Mistresses, and to carry about weak Children; and take no Hurt by it.

I have known some of them to have stay'd Five or Six Hours at a time; nay, some to have stay'd Eight or Nine Hours in a Day, (Five Hours in the Morning, and Three or Four at Night) and seldom or never any one of them Miscarry'd, unless their Husbands chance to quarrel with them, and throw them down Stairs.

So that you see that this Caution was not so well grounded as to be conclusive against the *bathing* of those that were (or thought themselves to be) with Child; and yet, for other Reasons, needed the Use of the *Bath*; but that it may (by good Advice, and care-

ful Management) be as safely done, as when free from being so.

S E C T. VI.

And now we return from this Digression, to the last (and I think worst, and, of late, most frequent) of *Women's Cases*, which will be the Business of this sixth *Section*.

Well might *Hippocrates* say in his Book *De Locis in Homine*, that in *Women's Distempers*, “ αἱ ὑπεραί, πάντων τῶν νοσημα-

“ τῶν, αἰτιαί' εἰσιν. *Omnium morborum cau-*

“ *se sunt Uteri*. If those Parts in Women are not the Cause of all Diseases incident to that Sex, to be sure they are greatly their Aggravation; and the Diseases of those Parts are the worst they are lyable to; and some of those we are now upon, will easily be confest to exceed all others in point of most Dismaying, Uncomfortable, and Painful Circumstances, and are (too frequently) more difficult to be cured (if at all curable) and for which they are truly to be pitied; and the rather, because it is not always their Faults, (too frequent and various Venery; Lascivious Thoughts and Imaginations) that bring upon them the Beginnings of these Distempers; but it is their
very

very frame, and make that, lays them lyable to it ; Nature making that part a Sink, and Drain to the rest of the Body, which is manifestly evinced from this, that some very young Girls, that never experienced Venery, nor ever entertain'd the Thoughts of it (at Eight, Nine, and Ten Years of age, in which Cases I have been sometimes consulted) have been severely afflicted with, and long kept under, this enfeebling, and troublesome Symptom, we are now about to treat of, which is the *Fluor Uterinus* ; to which they usually affix that milder *Epithite* of *Albus*, but with some may have that of *Luteus*, *Viridis*, &c. The most innocent of these Colours hath but bad Effects, to wit, a Decay of Strength and Colour ; Aptitude to miscarry ; the Falling down (sometimes falling out) of the Womb ; but when it changes Colour, and becomes Acrimonious, fretting, and corroding ; nay, virulent, (as often times it does) it excoriates the Part, causes *Uleers*, which often degenerate into *Cancers*. All which I have had here under my Care, and in some of them these *Waters* (together with other Means) have proved effectual, to their Palliation at least, if not their perfect Cure. It is not expected, I hope, that in giving Instances in any of these Cases, I should name the Persons, as I have done in

P 4

others.

others, describe them I will as near as I can, give a true Account of the Process in their Cure, and the Success of it, and trust to your Courtesie to believe me, without a particular Enquiry.

OBSERV. I.

A Gentlewoman of Three and Forty Years of Age, a Neighbour, within Five or Six Miles; of a *Sanguine Complexion*, but had a *Salt Scorbutical Blood*; which appear'd some Years before, by the breaking out of a *Vitelligo*, at some Seasons, chiefly upon her *Elbows, Knees, &c.* She had about *Midsummer*, 1679, a Sudden and Violent Eruption of the *Whites*, which exceeded in quantity her Customary Benefit. This continued very troublesome and excessive, all the remaining part of the *Summer*, and the *Winter* following; tho' she took all sorts of *Astringent* and *Strengthening Medicines*, which are usually well known by those of that Sex, especially *Midwives*, and *Nurse-keepers*, who recommend them, one to another, with the Stamp of a *Probatum*.

It would be sometimes, for a while, lessen'd, but it never wholly ceased: In the *Winter* she had Pain, Weakness, and Stiffness at *Knees, Hips* and *Ancles*. Her Bones also seem'd to be sore, tender, and weak; she seem'd tyr'd after Rest, and was, seemingly, more weary in the Morning when she arose, than when she went to Bed at Night.

The Pains and Weaknesses of her *Limbs* brought her to the *Bath* in *May*, 1680. and she apply'd her self to me for Advice.

I first put her upon *drinking* the *Waters*, which did her great Service, in taking off the Sharpness of the Matter that came off, and something lessening her Pain; tho' it little abated the first, in Quantity, yet in Quality it made great Alteration, for it render'd the Parts less smarting, and tender.

For the Pains and Weakness of her *Legs*, as well as the Eruption upon her *Elbows* and *Knees*, there was a necessity for her to *bathe*, and that pretty frequently, but she *drank* the *Waters* between whiles. The *bathing* (as we order'd it) did not increase the *Fluor*, (tho' some have forbidden it in that Case) but rather by moderate Sweating, (lessening the quantity of Humours) that also was lessen'd, in some measure; but neither that, nor the peculiar Remedies she took withal,

withal, did wholly stay it. Upon her going off therefore (which was at the end of Six Weeks; when the *Cutaneous Eruptions* and the *Scorbutical Pains* and *Weaknesses* of her *Limbs* were remov'd, I put her upon taking a strong Decoction of *Woods, Ivory, Harts-Horn, &c.* which she kept close to, drinking no other Liquor for Seven Weeks or Two Months, after she came home; which perfectly recover'd her, so that she remains well to this day; and of which she yet retains so grateful a Remembrance, that every Year, about *Christmas*, she sends me a Present, such as her Dairy and Orchard afforded the Summer before.

OBSERV. II.

Another, in the like Case, as to the *Whites* (but having nothing of the *Vitelligo*, nor Pains, nor great Weakness of *Limbs*, about Five and Twenty Years of Age, and not long marry'd, but complaining more of Smarting in those Parts, especially upon making *Water*, (which argued Excoriation in the *Vagina Uteri*) came and drank the *Waters*, but bathed but little, and took *Balsamic Astringent Pills* withal, used Injections of the *Bath-Water*, Three Weeks, or a Month, and receiv'd considerable Advantage by it.

OBSERV. III.

A Citizen's Wife of *Bristol*, aged 37, having, for a longtime before, been very ill of this Distemper, as was last describ'd; but indeed worse than either of the former: For what was at first white only, was afterwards yellow, then greenish, after that dusky, towards a black, and now interspersed with red, which manifestly declar'd an Excoriation at least; and approaching to, if not a confirm'd, Exulceration. She having try'd various Means and Methods at home, came at length to the *Bath* in *June*, 61. where she heard I was then settled; she having formerly been my Patient in *Bristol*, (where I began my Practice in the Year 1646.) She sent for me; I enquiring what she had already done, would not put her upon the same things again, but made her to *drink* these *Waters*, and sometimes moderately to *bathe*; and in the *Bath*, to inject the *Water* with an Instrument I got purposely for her, and taught her the Use of; and which (in many Cases, but this especially) I have since caused to be used by many. This did something towards her Recovery, but not enough. I therefore advised healing *Balsamick*, and gently *Astringent* Means,

Means, to be taken Mornings with the *VVaters*, and in the Evenings, *Mel-Rosarum*, and sometimes *Mel Elatines*, with some of the *Bath VVater*, to be injected warm, with a *Metrencheta*. This (after the other) did the Business, and in about Two Months time, she return'd well to her Family.

OBSERV. IV.

A Tradesman's Wife, of *Cirincester*, aged 30; Twelve Weeks after her being deliver'd of a Child, came to the *Bath* in *September*, 66. applying her self to me for Directions what to do, gave this Account of her Case.

About a Fortnight after her Delivery, she was taken with a violent Pain in her *Right Flank*, with some Swelling, which increased for Two Months, and in that time became a large, and a hard *Tumour*, and at last very tender to the Touch; at the end of Ten Weeks, a green and very fætid Water was discharged *per pudenda*; and this continued when she came hither. It seem'd therefore, manifest to me, that (whither by any Injury done her in her Delivery, by the Midwife; or any thing left behind, that should have been brought off, or Cold taken after her being

being laid, or a Conflux of Humours from the rest of the Body, to that, (then enfeebled) Part, or from what other Cause it did not then appear but, an *Inflammation*, *Shirrous Tumour*, and *Abscesse* there was; and very great Cause was there to fear, lest it would become *Cancerous*. I caused her to be let Blood both in the *Arm*, and by *Leeches* in the *Hæmorrhoid Veins*, I prepared her for the Use of the *Bath*, and *Waters*, by a *Purging Apozeme*, which she continued a Week or more.

I then order'd her first to *drink* the *Waters* for some Days, afterwards to *bathe*; and at last to the *Injections* of *Bath-Water*, and *Mell-Rosarum*, and *Mell-Elatines*, (as in the former Case) and continued her, by Turns, thus to do, till the Hardness abated; the *Tumour* subsided, and the *Gleet* ceased, and she perfectly recover'd; all which was in about Two Month time. She had several Children afterwards; she is yet living, a Widow, and a lusty strong Woman of her age; which is now on the wrong side of Threescore.

Many more Instances of this kind might be given; but it may suffice to have mention'd one of each degree of these *Uterine Fluors*. The first is bad; the second worse; the last is worst of all; yet all receiv'd Advantage

vantage here. I dismiss the two latter, with Directions for a Drying, Vulnerary Drink, which they continued for some time after they went home; and after that hung, of the same Ingredients, in a Barrel of middling Ale, and drank no other Drink for a time; but afterwards return'd to their accustom'd Diet, and held well with it.

CHAP. X.

THE Women having in the Preceeding Chapter, been taken Care for, we now come to those we enjoy by them, their Children, which (next to their Mothers) become the greatest Happineses, or Afflictions of this present Life: Whilst well, alive, and Virtuously enclin'd, the greatest of Comforts; when sick, dead, or (which is worse than either) Lewd and Debauch'd, the greatest of Discomforts. What concerns them with the *Bath*, is referrable to very few Heads, *viz.* Lameness and Illness from a bad Nurse: The *Rickets*, and usual Consequencies of it, which are Backwardness in Growing; Weakness, and Crookedness of Body, and Limbs, and Hardness

Hardness and Bigness of the lower *Belly*. I shall give some few Instances upon these Heads, and so conclude this first Book, which treats chiefly of the Outward Use of these *Waters*; *Bathing*.

And first of the Inconveniencies of an ill Nurse. It is not the Healthiness, and fresh Looks, and good Consistence of the Milk only, that should direct in the choice of a Nurse; but the Honesty, Faithfulness, and Veracity, that would oblige her to deal truly and faithfully with those that pay her Wages; and timely to declare it, if she chance to be breeding, whilst she suckles a Child. The want of this true, and plain, Dealing hath been to me a great Care and Trouble: For the only Grandchild that ever I had, or am like to have, who was born in my House, and solemnly given me, by my only remaining Child, my dear Daughter his Mother, and put out to as likely a Woman, to breed it up healthily and well, as this Country afforded, was well-nigh spoil'd, by her being with Child, and concealing it Three Months or more, before she would own it; tho' she was often assured by the Grand-mother (my Wife) and myself, that if she had the least Reason to suspect her self to be breeding, she should wean the Child, and should still go on to keep it, and

and should have the same weekly Pay for it, as if she still suckled it; but it seems she had not Faith enough to believe us, but for fear of having it taken away, and her Pay to cease, she kept on giving it suck, till she had gone Thirteen, or Fourteen, Weeks with Child, with two Children, (as it appear'd afterwards;) this so corrupted the poor Child's Blood, that it put him into frequent *Fevers*, out of which he narrowly escap'd more than once, brake out all over his Body, especially *Head* and *Face*; at length the whole Matter was discharged upon his *Right Hip, Thigh, and Leg*, which swell'd it as big as his Middle; offer'd to break at several Places, being hot, inflamed, and discolour'd. The best that we hoped for was, that it might not break on a Joynt, and so leave him a Cripple: But with Pultesses, and other Applications, and some gentle Purgatives (such as a Child of his Age was capable of taking) it was at length dissolved, and in great measure carry'd off; but the *Leg* render'd so weak, that he could not move it, but as he lifted it up with the other; and whereas it was much bigger than the other before, whilst swell'd, it was now gone much less.

It continued a long time so weak, that till he was four years old, and more, we could not venture him to go alone.

This while some concluded him to have the Rickets, others the Consumption; but very weak and valetudinary he still was. An Issue was made in his Arm, at a year and a quarter old. We often thought him growing aside, one Shoulder thrusting out farther than the other; to remedy which, and to prevent its going farther out, we got him a Neck-swing, which being constantly used after *Bathing* (for we began to bathe him, as soon as his *Swelling* was well off) this took off those Fears, and rendered him very straight, and in time, he got strength in his Leggs also. As soon as his Inflammations ceased, we began, and continued his *Bathing* Spring and Fall, as his Strength would bear, till he perfectly recovered. In the Seventh, Eighth and Nine Years of his Age, he had three great and acute Diseases; first the *Scarlet-Feaver*, next the *Measles*, and thirdly, the *Small-Pox*, which last, (being very well purged after it) cleansed him effectually, and gave him a new habit of Body. At ten years old he was sent to a School, and had no considerable illness there, in five or six Years time: though about the latter end of that time, he suffer-

ed his Issue to heal up, without giving any notice to me (or any Body else) of it, and (Blessed be God) without any alteration in point of Health. He hath now been at *Oxford* these two Years, and hath not had any considerable Sickness, since his going thither, and hath more than compleated his Eighteenth Year, and is likely to become a Man, though not a tall one; yet, I hope a Virtuous one.

O B S E R V. II.

Miss *Feppe*, the only Child of a dear and tender Mother, a particular good Friend, and Patient of mine. This Child was left Father-less and Mother-less, when not much above two years old; but to the Care of an excellent Grand-mother, by the Fathers side. Mrs. *Baber* of *Sutton-Court* within the Parish of *Chew-magna*, in the County of *Somerset*, who perceiving this her (then, only) Grand-child, very weak in the Limbs, far gone in the Rickets, and enclining to grow aside; after the tryal of various means, sent her to the *Bath*, committed her to my Care, and placed her in my House, in the year, 1663. She was then so weak and ill, that we could put her into the *Bath* but very seldom, and use but very little Inward means. Suc

Such as she was capable of, and could (without much disturbance) be made to take, she had; *Aperitives*, *Hepaticks*, and *Pectorals*. What was wanting in her frequent *Bathing*, was supplied by her longer stay, continuing here till the approach of Winter; in which time she recover'd so much Advantage, as to encourage her careful and tender Grand-mother, to send her again the next Summer; and so a third, if not a fourth. Whilst she *Bathed*, we used her to a *Swing*, which recovered her *Crookedness*: Her *Leggs* (as she got *Health* and *Strength*) became more and more straight and strong; and the hardness and distention of both the *Hypochonders*, especially that of the *Right Side* on the *Region* of the *Liver* (which *Symptoms* should have been mention'd before) fell by degrees, and became lax and equal. In short, she at length perfectly recovered, and became competently healthy and well; grew indifferently tall, and was at length Marry'd to *Edward Clarke, Esq;* of *Chippely*, in the lower part of *Somersetshire*; and by him hath many Tall, Strong and fine *Children* of both sorts, and is yet alive, and will I hope continue so to be, and to see them as well disposed of, as she her self was.

O B S E R V. III.

Madam *Skippewith* (Wife to a Gentleman of that Name, that lived in *Chancery-Lane*, London, afterwards, Sir *Thomas Skippewith*) brought hither a Son about Ten Years old in *July* 68; he had had the *Rickets* in his Infancy, most severely, but was now) as to his inward health) much recovered, only there remained great Crookedness in his lower *Lymbs*, so that he went very odly, not only throwing out his Leggs, and his Knees striking one against another, by reason of their looseness, and that of the *Ankle Joynts*; but the very *Shin-bones* were crooked, bending outward like a Bow, or rather, wreathed or twisted. After due Preparation, he was put into the *Bath* which he bore very well, being otherwise lusty and strong, and continued the use of it a considerable time.

He learn'd here to Swim, by my Advice, that he might the more effectually stretch out his *Lymbs*, which thing, I think, contributed a great deal to the good effects he had by his being here. He apparently got strength whilst he was under these means went much better, his *Joynts* being not so loose: He, in time, by these helps, grew
out

out all that Weakness, and very much the Crookedness too; insomuch, that coming hither ten or a dozen years after, to see his Sister, the Lady *Williams* (to whom I had the Honour to be *Physician*) I knew him not, till I was told that he was the same Person that had been under my Care here at the *Bath*.

OBSERV. IV.

A Son, and (if I mistake not) the only Son of Sir *Joseph Ash*, was brought hither by my Lady his Mother, in 77, in a very weak Condition, both Inwardly and Outwardly; in Body, and Limbs. My Lady consulted first an eminent, and worthy Person of our Faculty, Dr. *Highmore* of *Shirbourn*, who happen'd then to be in Town with a Person of Quality that used the *Bath*. He finding the Child to be so very weak, and (as he judged) Hectically inclined, dissuaded my Lady from *bathing* of him, and advised her to go speedily out of Town, for the *Bath* would kill him. Her Ladyship hearkned to this Advice, and in order to her removal, comes to Mr. *Chapman* the Apothecary, to pay him for some little things that were had from his Shop, and told him what Dr. *Highmore* had advised;

sed: He replied to her, Madam, *Dr. Highmore* is a very worthy Person, and a great Man in his Profession, but understands not what may be done at the *Bath*, so well as they that live constantly upon the place, and have seen, and observed, the successes that have been had by it, in very strange and weak Cases, and some not unlike this of your Sons; therefore, before you leave this Country, pray advise with *Dr. Pierce*, who came hither for his own Health, and hath been a constant Inhabitant here, for more than Twenty Years past. Her Ladyship not well knowing what new Course to take next, having tryed so many before, and this being a last Refuge, and willing to do the utmost to save an only Son, hearkened to his Advice; and after she had diverted her self a while at *Mr. Samuel Ashes*, (a Brother of *Sir Josephs*) and perhaps sent, the while to have her Husbands consent, came back again to *Bath*, and then I was called in to the young Man's assistance, and found him not only seemingly Consumptive, Thin, Pale and Hectical, and (if I misremember not) in a *Diarrhea*, but also relaxed in his Joynts, growing aside in his Body, and crooked in his Leggs; to help which, they had put him all in Armour, *Cap-a-Pe*; *Iron Bodise*, half *Boots*, with a Sprig of *Iron*,
to

to keep in his Ancles from turning outward, and the same at Knees, from turning inward, with a device, to allow for the bending of each Joynt, both braced on with Leathers, which being drawn together with Laces, were brought to what Straightness they thought fit, or he could bear; without which, he could neither stand nor go; nor with them but feebly, tho' at that time he was Seven or Eight Years old.

In this deplorable Condition, and under that uncomfortable Prognostick; after some fitting Preparation, did we venture to bathe him, but very moderately at first; and in a very temperate Bath; encreasing the time of his Stay, and the frequency of his going in, and the Strength of the Bath, as we found he was able to bear it. It pleased God so to succeed this bold Adventure (for such every Body thought it) that he got Ground upon it, and stay'd Six Weeks by it, that Season, till the *Winter* came on; which he passed very well, and not only kept what he had here got, by his *bathing*, but in some measure improv'd it; so much, as to encourage his Lady-Mother to bring him again the Year following, and several Years afterwards, till he recover'd Strength, got a better Habie of Body, and State of Health,

and needed this Means no more. He was here in *Summer*, 94, to all Appearance a healthy and indifferently well-grown Man, and a Barronet. I think he hath his Father's Name as well as his Honour, and is Sir *Joseph Ash*, of *Norfolk*. He came then for Diversion only, with his Sister's Son, Mr. *Windham*, of *Norfolk*, and stay'd but Four or Five Days.

OBSERV. V.

In a very like Case to this (as to Weakness and Distortion of *Limbs*, altho' not altogether so much indisposed, inwardly) was the Son of a *Scots* Gentleman, that belong'd to Duke *Hamilton*, *Gershom Carmitchell*, whose tender and careful Mother brought him hither in *September*, 78. supported with Irons, as is above describ'd, and very weak, and crooked in his *Shins*, *Ancles*, and *Knees*, and had been long under the Care and Management of those Body-menders, that take upon them to make the Crooked Straight.

He was something older than Mr. *Ash*; taller I am sure, and bigger he was, and needed not so much Caution, altogether, in entring upon, and continuing in, the *Baths*, but after Preparation was put into the *Queen's* and *King's Bath*, and continued it for a considerable

siderable time the first Year, with no small Advantage, and Alteration to the better; and this caused him to come a second, and a third, and I think a fourth Year, till he was so well recover'd, (by outgrowing his Weaknesses and Distortions) as to leave off his Irons, and to be settled at a School, and afterwards was sent to the *University of Glasgow*, where he remain'd in good Reputation in this past Year 95, as I was inform'd by my Lord *Arran*, and the Countess of *Dun-donnald*, (Son and Daughter to the now Dutches of *Hamilton*) on whom I had the Honour to attend, as their Physician, whilst they were then here at the *Bath*.

OBSERV. VI.

Misse Adison, from *White-Haven*, in *Cumberland*, very lame in the Lower Parts, from the *Hips* downward, in which she had not the Sense of Feeling, much less the Power of Motion, when she was first brought hither by her Mother to the *Bath*, (which was some Years ago) but by slow degrees, being brought hither several Years following, she got Warmth, Sense, and some Strength in them, so much as to be supported with Irons, which she was not capable of using at first.

She

She was (by often *bathing*, and some *Inward Means* withal) at length enabled to leave them off, as well as to put them on, and to have no farther Need of the *Bath*. What afterwards became of her I do not know, but her Father, I heard, remov'd from *White-Haven*, to some Employment in *London*. The last time I saw her at the *Bath*, was in 91.

OBSERV. VII.

A little Son of *Coll. Farwells*, of the *Tower*, about Five or Six Years of Age, was sent to the *Bath*, and recommended to my Care by *Dr. Gideon Harvey*, (Physician to the *Tower*) in May, 91. Being sent for to him, by the Nurse that came with him, when he first came to Town, he was sitting upon a Table, when I came in, and appear'd to me so well, as if nothing ail'd him; he look'd so plump and fresh, and very well colour'd; but when the Nurse set him down, there appear'd not only a Weakness at the Small of his *Back*, but Contraction of all his *Lower Limbs*, from the *Hips* downward, insomuch, that they were so far from supporting him, that he could not, of himself, extend a Leg, nor suffer it to be extended to
its

its due length, by another. He would crawl up and down upon a Table, or the Floor; being active enough, and willing to play; but, not having a ready Use of his Lower Parts, could not, but was Scramm'd, drawn up altogether. He *eat and drank*, and slept pretty well, and seem'd to be recover'd of all Inward Illnesses, and other Remainders of the *Rickets*, except this of his Lower Parts.

After a while's rest, and some Preparation, we put him into the *Bath*, at first twice a Week, afterwards every other day; at length four days in the Week, and sometimes every day, except *Sundays*; (when the *Baths* are shut up) and all this was done without any great Disturbance to him. In the first Month or six Weeks there was very little sensible Alteration to the better; at length we observ'd that he could erect himself a little (and truly but a little) more than at first, and suffer'd his *Legs* to be drawn out, in the *Bath* (which we made the *Guides* do) with less Complaint than formerly. After Ten Weeks Stay he return'd, and got Advantage by degrees, insomuch, that when he came hither the second time (which was with my Lord *Lucas*, in *August*, 93. he was able to run about, and to play at Trap, and Top and Scourge, with the Boys. He *bath'd* then also, and took Physick between

tween whiles, and continued it till my Lord's Return, which was not till *October* following. He manifestly got Ground this second time, whilst he was here, recovering a more expedite Use of his Lower Limbs, and standing more upright. What Improvement hath been made since I have not heard, but do presume, and hope that (if no accident, or other Illness interven'd, and that he went on as he began here) he may, by this time, be perfectly recover'd, and I the rather think so, because they have not sent him hither a third time.

Many great, and remarkable, Instances more might be here given, of Children's Recoveries, by the Help of the *Bath*, out of these, and other such Weaknesses; concomitant with, and consequent to, the *Rickets*, and particularly that which they Vulgarly call *Liver-grown*; when they are tought, and big-belly'd, and Hardness remain upon the Region of the *Liver*, *Spleen*, or *Mesentery*. Many in such Cases, by bathing in the *Cross-Bath*, and taking Inwardly some *Aperitives* the while, have been perfectly recover'd of these Distempers, as well as *Lameness*, and *Crookedness* in Body, and Limbs.

Many

Many have been sent hither, with Success, to promote their *Growing* only.

Her Grace, my Lady Dutchess of *Beaufort*, hath formerly sent several of her Children hither upon that very score, and one of her Grace's Grand-children, my Lord Marques of *Worcester's* eldest Daughter, was here two, if not three *Summers* following, by Her Lady-Grandmothers Encouragement.

CHAP. XI.

With this Tenth Chapter, I should have ended this first Book, but that I find it needful to add an Eleventh, tho' a short one. There having been (in the preceeding Observations) frequent Mention made of *pumping*, and applying the *Mudd* of the *Bath*, it is necessary that something be said of both these, before I go on to the *Inward Use* of these *Waters*, by *drinking* them, which will be the business of the Second Book. And first of *Pumping*.

S E C T. I.

Before *Pumps* were erected, they used *Bucketting*, which was perform'd, by taking up *Water* in Buckets, nearest the *Springs*: by the two of the tallest, and strongest of the *Guides*, who stood close upon the largest Spring, and lifting up the full Bucket as high as they could, they let the *Water* fall leisurely upon the Part affected, by which it was thought that greater Impression was made, and the Warmth, and Virtue of the *Water*, reach'd farther in, than *bathing* alone could do, even in the hottest Places of that *Bath*. This they usually did in *Sciatica's*, *Palsies*, *Cold* and *Wither'd Limbs*; *Stupors*, *Dullness of the Head*, *Deafness*, &c. After the *Pumps* were brought into Use, this way of Embrocation ceased, the *Water* coming by them more immediately from the Spring, and therefore hotter, and with more intire Virtue, and falling with equal, if not greater, Force upon the Part affected, and consequently penetrating farther, and carrying in the Efficacy and Virtue of the *Water* into the most Innermost Parts.

After *Pumps* had been for some Years used, in the *Baths* only, it was found inconvenient

nient for those that had hot *Entrals*, and were subject to *Gravel* and *Stone* in the *Kidneys*, and to *Women* that were apt to *Vapours*, to bear the Heat of the *Bath*, and *Pumping* together; therefore an Expedient was found, by raising the *Water* somewhat higher, to pump the Extream Parts (the *Head*, and from the *Knees* downwards) without going into the *Bath* at all; and this was call'd *Dry-Pumping*, because the rest of the *Body* remain'd dry, whilst the *Head* or *Feet*, &c. were at the same time sufficiently embrocated. In what Cases it hath been, and is usually, thus employ'd the foregoing *Observations*, have in some measure already shewn. But in Cases of violent *Head-ach*, removable by no other Means; *Deafness* from Colds, taken in the *Head*, &c. it may be convenient to add some few Instances; and first of the long-continued *Head-ach*.

OBSERV. I.

The Lady Viscountess Stafford, (a Descendent of the great Duke of Buckingham, of that Name) came hither in August, 68. with my Lord her Husband (of whom mention is already made, both in the Preface, and in Chap. 2. *Observ.* 4.)

Whilst my Lord *bath'd* for his *Lumbago*, my Lady, after due Preparation, *pump'd* her *Head* for a most inveterate *Head-ach*, which had (for many Years before) been very afflictive to her; being seldom, long together, free from it. Her Ladyship first try'd it in the *Bath*, but both at a time was more than could well be borne by a Person of so weak and tender a Constitution, as was her Ladyships. She usually therefore *drank* the *Waters* in the Morning, and sat under the *dry Pump* at Night; and thus she continued to do three or four times a Week, all the time they stay'd here, and was greatly advantaged by it.

O B S E R V. II.

A second, in the same Circumstances, was an excellently good (as well as a fine) Lady, then Lady *Roberts*, afterward Countess of *Radnor*, and now Wife to the Lord *Cheyne*; being greatly afflicted, came hither with my Lord her Husband, in *August*, 73. and then try'd what the *Pump* would do towards her Recovery; but my Lord's Business calling him away too soon, her Ladyship could not use it long enough, to produce any considerable Effect; and therefore

fore came again the next Year, and had then but a Fortnights time, (whilst my Lord drank the *Waters* at *Castle-Cary*, for the Remainders of a *Colica-Pictonica*). This very worthy Lady (to dispatch her Affair the sooner) drank the *Waters* every Morning, and pump'd her Head at the *Dry Pump* every Night which her Ladyship bore better than I expected, and had great Alleviation by it.

O B S E R V. III.

Mrs. *Bowler*, of the *Isle of Wight*, a very weak and infirm Woman, came hither in *August*, 88. and had (among many other, and great Complaints) so violent a Pain and Weakness in her Head, that she could not endure the least Noise or Motion in her Chamber, without great Disturbance; her Head seeming to fly in pieces, as she usually express'd it. Her kind and tender Husband, who with no small Difficulty, and Trouble, brought her hither, sent for me to advise concerning her, being encourag'd thereunto by his very good Friend, and mine, Sir *Robert Holms*, then (and long after; to his dying day) Governor of the *Isle of Wight*, I was not a little troubled what Course to take with her; she needed

R

both

both *drinking*, *batking*, and *pumping*, but had not Strength to comport with either. By gentle degrees therefore was she put upon all, but stuck mainly to the latter, *pumping* upon her *Head*, first in the *Bath*, afterwards at the *Dry Pump*: She not only bore it well, being thus manag'd, but, at long run, receiv'd so much Benefit by it, that she return'd home (for that Season) so much advantaged, that she came again a second, and a third time, and was at length recover'd to a great measure of Ease and Health, tho' her Life was often despair'd of, in this long continued, and deplorable Illness of hers.

S E C T. II.

Pumping for Deafness.

So much for *Head-ach*, I shall now give an Instance or two of *Deafness*, from Cold Causes, cured by *Pumping*, and then proceed to the last thing, proposed the Use of the *Mudd*.

O B S E R V. IV.

William Warner, Esq; from *Bandon-Bridge*, in the Kingdom of *Ireland*, came hither in
May,

May, 82. to take Advice, and use the *Bath*, for several *Distempers*, but chiefly for a very great Difficulty of hearing, which was (for some Years before) settled upon him, and had, of late, greatly increased; insomuch that he could hardly hear at all.

He first used Means proper for the other Symptoms he complain'd of; and at length stuck to the *Pump*, both in, and out of the *Bath*; by which he manifestly recover'd, and continued to hear much better, till after a Return a while into his own Country; and passing there one Winter or two, the *Deafness* return'd, as he afterwards told me in 89. when the Dispersion from *Ireland* was so great, that he, with many others, upon small warning, were forced to fly into *England* for Refuge; and sojourning with a Gentleman, near this City, all the time of his Banishment, was so kind, as sometimes to visit me.

O B S E R V. V.

Mrs. *Hughs*, a Gentlewoman, from out of *Wales*, between Thirty and Forty Years of Age; came hither in *June*, 91. so very *Deaf*, that they that conversed with her were forc'd to do it by Signs, and to have their Tongues at their Finger-ends. She used the

Pump a great while, before she found any kind of Alteration to the better, but at length, (using Inward Means withal) she got, by degrees, a Competent Hearing, but then thought her self well too soon, and return'd home with half her Errand.

Whither she improv'd in it afterwards, (as was her Hopes, and many, in divers Cases, do) I never had the Opportunity to know.

Thus much of the Use of the *Pump*, there remains nothing now, to finish this first Book; but to say something of the *Mudd of the Bath*, which also hath (in some Cases) a considerable Use, besides that of Gilding Silver, and making *Bath-Guineys* (as they call them) of new *Mill'd Shillings*, which also it effectually does. In many Cases this *Mudd* is apply'd by way of *Cataplasme* (as in some of the foregoing Observations is intimated) but chiefly in hard white Swellings, and Contractions of the Limbs (where it may be conveniently apply'd); or where a *Callus* or *Slimy Matter* is wedg'd into a Part or Joynt; or when Wind distends it, and so causes a painful, and hinders a due and ready Motion of that Limb.

It hath been useful also in *Scurfs*, and *Scall'd-Heads* (as they vulgarly call them) when a hard, and scaly Scab over-runs the whole

whole (or part of the) *Scalp* ; the Application of this *Mudd*, like a *Pultesse*, till it grow dry, and then washing it off with the *Bath-Water*, and applying fresh warm *Mudd*; for some considerable time, greatly promotes the Cure of these unseemly Distempers.

To be more particular in the several Cases above instanced in, would be to leave no room for a second Book, which is design'd for like Instances of Cures done, chiefly by drinking these *Waters*. To which we now hasten.

The End of the First Book.

BOOK

which is the first of the series - The American
and the British, and the French, and the Spanish,
and the Portuguese, and the Dutch, and the
English, and the Scotch, and the Irish, and the
Welsh, and the Breton, and the Norman, and the
Frisian, and the Saxon, and the Danish, and the
Swedish, and the Norwegian, and the Finnish,
and the Lapland, and the Siberian, and the
Tartar, and the Chinese, and the Japanese,

To be more particular in the history of the
United States, it is necessary to be acquainted
with the history of the British, and the French,
and the Spanish, and the Dutch, and the
English, and the Scotch, and the Irish, and the
Welsh, and the Breton, and the Norman, and the
Frisian, and the Saxon, and the Danish, and the
Swedish, and the Norwegian, and the Finnish,
and the Lapland, and the Siberian, and the
Tartar, and the Chinese, and the Japanese.

THE HISTORY OF THE UNITED STATES OF AMERICA

THE HISTORY OF THE UNITED STATES OF AMERICA

THE HISTORY OF THE UNITED STATES OF AMERICA

THE HISTORY OF THE UNITED STATES OF AMERICA

Bath Memoirs.

BOOK II.

CHAP. I.

Of Water-drinking in general.

HAVING, in the first Book, given Instances of Diseases cur'd here, chiefly by *Bathing*, I come now to do the same, of Distempers remov'd chiefly by *Drinking* these *Waters*: Tho' many (and most that now come hither) usually do both, yet have I known some (and those not a few, of late Years) that have drank the *Waters* several Weeks following, and not entred the *Bath* at all, and have gone hence well recover'd of the Distemper they came for.

Now because many People (and some very knowing Persons too) have looked upon it as a new thing, and but of late brought

brought into Use ; I think it not inconvenient to premise some Account, when, and how, and how long, the *Bath-Waters* have been *drank* ; and next, briefly to recite (in general) what may be expected from an orderly, and regular, Course of Drinking of them here, upon the place (which two things shall be the Business of this first Chapter).

Afterwards I shall proceed to give Instances of particular Recoveries, in several Distempers, that have been had, in my time, under my Conduct and Directions, by the drinking of these *Waters*, chiefly ; as I have done in the first Book, by those attained by *bathing* mostly. And first ;

I. *Water-drinking* in general hath been more used in this last Age, then it was in many before ; and indeed Medicine, and Medicinal Processes, have been lyable to the Change of Fashions, as well as Cloaths, and Coaches, Meats and Drinks. There is scarce a County in *England*, that hath not now a Medicinal Water, that is not, at some Season of the Year, frequented ; and some there are that have been formerly famous, and are now neglected, and scarcely any mention is made of them ; witness the once famous *Water* of *Wellingborough*, in *Northamptonshire*, whose Reputation hath been indeed the more lessen'd, by having *Astrop*, nearer

to *Oxford*; which last was found out, or first reputed, by *Dr. Willis*; and is since grown so Famous as (almost) to Emulate *Tunbridge* its self.

There is, Eastward, from hence ten Miles, (in *Wilts*, three Miles from the *Devizes*) at *Seene*, a *Chalybeat Water*, fully as much (if not more) impregnated with the Mineral, as is that of *Tunbridge*, yielding as deep (if not a deeper) *Tincture*, as that, with Oaken Leaves, and Bark, or Gauls. And for Two Miles Eastward, from thence, there is scarce a Spring (and some Ponded Water also in the little Ditches, on the South side of the Hill, as far as *Poulshott* and *Pottern*) but Partakes of the same Mineral; and give a like, but fainter, *Tincture*.

We have also Southward from us (about 16 or 18 Miles) a *Purging Water*, not inferior to that of *Barnet*, *North-Hall*, or *Epsome*; it is at *Awford*, near *Castle-Cary*, in the County of *Somerset*, which was first discover'd by *Mr. Thomas Earl*, Minister of that Place, and communicated to me in the year 1670, by Letters; which Letters I have still by me. Upon his Request I made tryal of it, and encourag'd the Use of it. I made it known first to (my good Friend, and Fellow-Labourer in the Drudgery of a Riding Practice) *Dr. Highmore*, of *Sherborne* (which

is within Seven or Eight Miles of the Well, as we met abroad with a Patient, with whom we were joyntly concern'd, and who needed such a *Purging Water*. He and I both sent several Patients to it; and he sometimes went thither himself, at the *Drinking Season*; so that it became, for a time, very Famous, and was, (and is sometimes, to this day) sent for, and sold publickly, as low as *Exeter* and *Plymouth*, even to the Lands end; for they bear Carriage very well, and keep (in an open earthen Vessel) a considerable time; but stopt close, they stink in a few Days.

At length the Promiscuous Use of it, in all Cases, without due Preparation, Care, and Caution, render'd it injurious to some Consumptive Persons, who dying (almost upon the spot) lessen'd the Reputation of it, tho' very good Use, hath been since, and was before, and is, and may be still, made of it. It hath been often sent for hither, and great Advantage hath been found by it, especially in *Bilious Cholicks*, and the usual Effects of them, Loss of Limbs: These *Waters* a while drank, and the *Bath* regularly used after them, never yet fail'd to perfect a Recovery in that Case.

But it may be thought, by some, that the mention of these last *Waters* may be foreign to our present Business; but when they consider that I do it, to shew how possible it is that a *Water* once famous, may lose its Reputation, and the Use of it be discontinued, when others creep up in the room of it; and that it is as possible that any one so defam'd, may again recover its lost Reputation, and may become as famous, if not of more Use, than it was formerly; they may alter their Opinion.

Indeed I think this to be the Case of the *Bath-Waters*; for that they were drank above an Hundred and Twenty Years ago, appears by a Book of one *Jones*, a Physician; (which Book I have by me in 4to. Printed at *London*, for *Will. Jones* in the year 1572, intitled the *Baths of Bathe's Aide*, and dedicated to *Henry, Earl of Pembroke*) in the 28th. Page of which Book, there are particular Directions for the drinking these *Waters*, as to the time of the day; the Manner and Quantity, &c. to which Book I referr the Reader, that desires farther Satisfaction in this particular. I heartily wish it may not (but I am much afraid it will) be so again; that the Irregular, Unseasonable, and Unadvised Use of them, (which too many are already guilty of) and Drinking of them at distance, do
not

not again diminish their Reputation.

But as to the Antiquity of their inward use, this I know (and did at my first coming to live here) by the Information of the ancientest People that were upon the Place; and that were Born and Bred here, (and there were two, a Man and his Wife, one or both of them, *Bath Guides* to the King's *Bath* (*Newmans* by Name) that made Ninescore between them; for what one wanted of Fourscore and Ten, the other exceeded.)

These People lived, and were conversant about the *Bath*, long before any Pump was set up; they, and many others of great Age asserted, that these Waters had been drank time out of Mind, for two Purposes, (*i.e.*) to quench Thirst, and to keep Soluble. They that used the Baths for cold Distempers, as *Palsies* and withered *Limbs*, &c. were forced to continue long in them, and to sweat much, which rendred them both Thirsty and Costive; to both, which the Waters were a known Remedy; for it had been long observed, and is now very well known, that a draught or two of the *Bath Water* quencheth Thirst better, and more effectual then double the quantity of Beer or Ale, or any other usual Beverage; and when by spending the moistures in long and much Sweating,

ing,

ing, the *Bowels* were heated, and dry'd, and rendred Constipate: a large draught of this Water, with a little common Salt, would infallibly give a Stool or two. This was then (and long before had been, none could remember when it began) the common custom of *Bathers*, which I my self have been an Eye-witness of, above three-score years ago. (being a School-Boy here some time, before I was sent to *Winchester*) I have seen others Drink, and have drank my self of it, not from the *Pump*, nor from the *Water* that People Bathed in, but from a Contrivance which had been erected, time out of Mind, before any *Pump* was thought of; and no Body then living could tell when it was first set up.

It was a *Pyramidal Stone*, hollow in the middle, artificially placed over one of the larger Springs, on the *South-East* part of that Wooden Conveniency, now standing in the *King's Bath*, and was taken away to make room for that Structure, (and great Pity it was that ever it was remov'd.)

A Square Wall was made about this Spring, the hollow of which was about 18 Inches Diameter, and near upon the same Depth. The Top Stone had a Mortice proportionate to the Tenant of the *Pyramidal Stone* which went in, and held so close,

close, that none of the *Extraneous Water* could get into its hollow; and the Strength of the Spring was so great, that it forced its self up thorough the Cavity of the Pyramidal Stone, which was a Foot and more above Water, when the Bath was at fullest. This Water discharged its self at a Copper Spout, about three Inches above the highest Water-mark, and to this Spout some set their Mouths; and drank; others put Cups, and received the Water sincere from the Spring, and used them to the purposes before mention'd.

This was the chief, and usual, Inward Use the Waters had been, and were put to, when I first came hither, for my own Healths sake, in the Year 53. But there were some Physicians, even then, (chiefly those that had travell'd, and had been at *Aken*, in *Germany*, *Aquisgrane*, (*Aix la-Chapell*, the French call it) and at *Bourbon*, in *France*, and some that had conversed with them, tho' they themselves had never travell'd) that encouraged the Inward Use of them, to sweeten the Blood; but the Advice was taken, and follow'd then, but by very few.

Sir Thomas Brown, of *Norwich*, my worthy good Friend, with whom I had the Honour to correspond by Letters; after the Death of those antient Physicians, I found
here

here (many Years before he himself dy'd.)
in a Letter to me, bearing date, *July 12th.*
1677. in which he recommended to my
Care, Mrs. Bridget Reade, of *Suffolk*, and
proposed her *Drinking* the *Waters*, as well
as *Bathing*, for a *Chlorosis*, *Cachexia*, &c. had
these Words.

‘ If my old Friend Dr. Bave had taken
more Notice of my Counsel, the *drinking*
of the *Bath Waters* might have been in Use
long agoe; for above thirty yeare since I
writ unto him, to bringe the drinkinge of
them into Use, accordinge to the custome
of many other *Baths* beyond-Sea, which
he very well knew, but would not hazard
his Credit in such a new Attempt; which
notwithstanding had not been an Innova-
tion, but rather a Renovation, or renew-
ing a former Custom.

Amongst others, that greatly encouraged
the drinking of them, was Sir *Alexander Fray-*
ser, chief Physician to King *Charles the II.*
He waiting upon His Majesty, and Queen
Katherine, in 63. (whose Court was then
at my House, the *Abby*, in *Bath*) I had the
Advantage of being first known to him,
and it was the first time that ever he had
been here. He then made several Enqui-
ries concerning these *Waters*; and writ to
me afterwards about them, to which Letters

I gave answer; he at length concluded, that they were from the same Mineral, with those of *Bourbon*, where he had formerly been waiting on the *Queen-Mother*, and whither he had sent many Patients; but now resolv'd to send all that needed such a Remedy, to this Place, and save them the Expence, and Hazard of a Voyage by Sea, and a long Journey afterwards by Land; for that he was fully convinced, that these *Waters* would do as well as those, and perhaps better, because in our own Climate, and therefore, probably, more suitable to *English Bodies*. He from that time sent several Persons (and some of great Quality) hither, and recommended them to my Care, and came at length himself with his Countryman, the Duke of *Loutherdale* (purpose-ly to drink these *Waters*) in the year 73. The Duke, for more than ordinary Corpulency, and *Scorbutical Distempers*; and he himself for an old Cough, and *Cachectick Habit of Body*, and both went off much advantaged; the Duke loosing a large Span of his Girt; and Sir *Alexander* getting more Breath and a fresh, and better colour'd Countenance; being pale, and fallow, and black under the Eyes, when he first came down. It was he that occasion'd the erecting of the little *Drinking Pump*, in the middle of the

King's

King's-Bath, but done at the Charge of the City,] from whence most, if not all, of the Water, that was, about that time, drank, was for. But afterwards (the number of *Water-Drinkers* greatly increasing, and the Benefit by it being more remarkable) the *Dry Pump* (as it was till then call'd, but since the *drinking Pump*) was fitted purposely to that use, and the Pavement made before it, for the Reception, and better Accommodation of the *Water-Drinkers*, as it is at this day.

And here by the way it may be observ'd, that these *Waters* were thus drank long before Mr. *Cuydott* came to the *Bath*, or ever saw it; tho' he Arrogates to himself the drinking of them (in his Epistle to the President, and Censors of the College, prefixt to his *Thermæ Britannicæ* in these Words; '*Methodum bibendi istas aquas Thermales, secundum Artis & Rationis regulas primitus à me excogitatum* (verbis absit invidia) where it should have been said, *Verbis abest Veritas*. But this *En-passant*.

2. The second thing I promised, before I came to particular Instances, is briefly to inform what (in the general) may be expected from an orderly, and regular Course of drinking of them, and in what Particulars they seem to have the Advantage of

the cold *Waters*, that are now, mostly, in Use.

They do, then, all that the Cold *Waters* can do, and somewhat more; they correct all Saltnefs, Sharpnefs, and Sowrenels of the Blood, and *Nervous Juice*; they open *Obstructions*; and therefore are useful in all *Cachectick* and *Scorbutick Habits of Body*; in *Collick Pains*, *Rheumatifms*, and *Gouts*, of all sorts; Sharpnefs of Urine, and Eruptions on the Skin. In short, it sweetens the Blood, and *Nervous Juice*, in all Cases effectually, and Attampers both; any way degenerated from what naturally they ought to be.

Their usual Operation is betwixt those of *Epsam* and *Tanbridge*; for whereas the former purges most, and the latter passeth chiefly by Urine, this commonly gives two or three Stools extraordinary, and passeth the Remainder by Urine. Yet they have a different Operation upon different Bodies; with some it purgeth most; for I have had some Complaints, that they have wrought too much by Stool; with others too little; but there is great odds in the manner of drinking of them. If they are drank very fast, and come not up again, they purge most, and pass soonest; if taken slowly, they are longer in passing, and are discharg'd mostly by Urine.

When

When the *Stomach* and *Bowels* are chiefly in fault, a quick Passage is best; when the whole Mass of Blood is to be alter'd, a slow Passage does most good; so that if the whole Quantity drank in a Morning, be either, or both ways discharged before more be taken, it may better answer the end it was drank for, than a quicker Passage would do.

Next, these warm *Waters* have three considerable Advantages over the Cold ones. *First*, Their actual Heat makes them more agreeable to the *Stomach*; and *Secondly*, They have a *Balsamick Healing Virtue*, which none of the cold *Waters* can have; and *Thirdly*, They may be drank at all Seasons of the Year.

They help (with other Means) to cleanse, and open the Obstructions of all the *Intals*, particularly the *Spleen*, *Liver*, *Pancreas*, and *Mesentery*, and therefore fit to be used in *Hypochondriack Melancholy*; *Faundies*, *Scurvy Schirrous Tumours*, left after long *Agues* and *Fevers*, (vulgarly call'd in these Parts, *Ague-Cakes*.) Their *Balsamick Virtue* makes them useful in *Inward Ulcers*, *Erosions*, and *Excoriations*. And they certainly strengthen the *Nerves*, and *Nervous Parts*, Inwardly taken, as well as Outwardly apply'd, and therefore in *Nervous Asthma's* (as well as humorous) very useful.

There is this also considerable in the *Bath-Waters*, which makes them fit to be drank at all Seasons, and in all Weathers, that they are always the same; the greatest Glut of Wet doth not make the Spring larger, nor the longest Drought lessen it. So that it may be from thence argued, that the Mineral is not more diluted by Rains, and consequently the *Water* made weaker, nor heightning by Droughts, and thereby made stronger, which is the Case of many of the cold *Waters*, of both sorts; both the *Purgings*, and the *Diuretick* ones.

I have lived in this City constantly now more than three and forty Years, in which time there have been many and great Alterations of Seasons, and Excesses both as to wet and dry; by the first frequent Floods and Inundations; by the second, such scarcity of Water, that Cattle have been forc'd to be driven some Miles to a River, to be water'd; all Ponds, and lesser Rivulets, being dry'd for some Months together, and some Springs, and Bucket-Wells within few Miles of this place have fail'd, that were not known to want Water in many Years before; yet in neither of these immoderate Seasons by the strictest Observation I could make, or could be observ'd by the *Bath Guides*, whose Business it is to empty and clean

cleanse the *Baths*, and stop them, that they might fill again) there did not appear the least Difference, but in the wet Seasons, the *Bath* was not fill'd a Minute sooner, nor in Droughts was it longer in filling. A manifest Demonstration, that the Source of these *Waters* (whatever other Springs have) is not supply'd from Rains, or any Extraneous Moistures, and therefore not likely to be considerably alter'd by them. I have known them drank, as well in the midst of *Winter*, as in the height of *Summer*, and with equal Success; as will appear in some of the Cases hereafter mention'd, upon which I think it is now time to begin.

CHAP. II.

OBSERV. I.

AND that I do with one so singular, that I hardly knew to which of the following Heads to referr it: It best suits indeed with that of the *Palsie*, and should have been there inserted, but that this Cure was perform'd by drinking these *Waters*, and not by bathing.

The Case is that of Capt. *Oliver Nichlis*, (afterwards Lieut. Coll. and formerly when very young) Page to the Duke of York, and after that, one of the Gentlemen of His Majesty's Bed-Chamber, when he came to be King *James II.*) He was Captain of a Company (I think) in Queen *Dowager's* Regiment, when he was first committed to my Care, which was in July, 1680. by a Letter from his Father, my very worthy Friend, and old Acquaintance, Maj. *Nichlis*, of *Awborne*, in *Wilshire*, and then Governor of *Portsmouth*. I may spare mentioning the Causes of his Distempers (tho' the old Gentleman did not in his Letter to me) and give only the Effects, viz. in what Circumstances he was when he came first hither.

His *Left Arm* and *Hand* were numb'd and deadish, and therefore well-nigh useleſs; and all that ſide, indeed; more Infirm than the other. His Mouth was drawn to one ſide; his *Left Eye* almoſt ſunk into his Head; his Memory decay'd; his Speech imperfect; inſomuch, that few could underſtand him, nor could he write legibly. He had not Strength in his *Right Arm* and *Hand*, to throw the Jack-Bowl half over the Green; nor could he get on Horſe-back without help. All theſe Weakneſſes were the Effects of

very strange and violent Fits (between *Epileptick* and *Convulsive*) of which he had had very many, and was still lyable to the Returns of them.

One thing in those Fits was peculiar (and may excuse the placing of it before the *Pectoral Distempers*) that one side of the *Thorax* (I think the Left side) would be lifted up considerably higher than the other, and so continued till the Fit went off (which was not quickly) and no sign of breathing all that while. He had been under the Endeavours of several Physicians before he came hither; first, and chiefly, Dr. *Wallgrave*, afterwards had a Consultation of four more, joyn'd with him, Sir *John Micklethwaite*, Dr. *Lower*, Dr. *Short*, and Dr. *Stockholme*, whose Directions were brought down with him, for my better Information; which I perused; and after a Fitting Preparation, put him upon drinking of these *Waters*; which he did Sixteen Days following, they agreeing, and passing, well with him all that while; he recovering some Strength, as well as Stomack. The Weakness of his *Limbs* (he thinking it long before they were restor'd) put us then upon *bathing* of him, but that no way agreed with him, taking away that little Appetite he had before recover'd, by drinking the *Waters*; so that we gave it off,

off, after he had been but twice or thrice in, and return'd to the Inward Use of them again, which he kept steady to; and taking some *Alteratives*, and gentle *Evacuations* between while; in Three Weeks or a Month longer found a manifest Advantage; getting Ground of all his Symptoms.

He could get on Horse-back without help; and left us with a Resolution to return to the same Means the Year following; but finding himself daily better and better, deferr'd it to the year after that, and came in *July*, 82. He came the third time in *July*, 83. the fourth time in *September* 84. and in *September* again, 85. and in *August* 86, and in *May*, 87. All which times he drank the *Waters* three Weeks, when least sometimes a Month or more. He once drank them One and Thirty Days following; and very seldom bath'd, unless sometimes for half an Hour, to wash himself. He was here twice in 87. with the *King* and *Queen*, in *October*, being then in Waiting; whither he then drank, I cannot say.

Seven several Years I am sure he drank them; and always upon the place; and still improv'd more and more. He had a perfect Exemption from his Fits the first time and recover'd his Strength by degrees afterwards: Infomuch, that he was at length

ma.

marry'd to the Lady *Moneux*, and was here with her Ladyship in *July*, 92. (for her Reason only, and not his) he himself being so well as to tell me, he wanted but two things in all the World; of which, Health was not one. I was told by a Kinsman of his, last *Summer*, that he then continued healthy and well, and lives now at *Greenwich* with his Lady; who (tho' she had Miscarry'd more than once, and for that her Ladyship came then to the *Bath*) had not yet brought him a Son, which was one of the two things he wanted.

And now having begun our *Water-Drinking* with this Exemplary Cure, (for indeed it deserv'd to be one of the first upon that very score) we now proceed to the (more properly) *Pectoral Distempers*, the Diseases incident to the Parts contain'd in the *Thorax*, the Middle Cavity, and there first those incident to the Instruments of Breathing, the *Lungs*; such are old *Coughs*, *Asthma's*, &c. and afterwards what more immediately concerns the *Heart*, to wit, its *Palpitation*, &c.

In my more than Forty Years Practice, which I have exercised in this Place, I have had several under my Care, in all the three Degrees of Difficulty in Breathing, the *Dyspnoea*, *Asthma*, or *Orthopnoea*; and these, some
Humerous,

Humorous, some Nervous, some mix'd; tho' most that we meet with, are of the last sort, viz. partly Nervous, partly Humorous. In all these the *Waters* have been very helpful; and it is not without reason that, probably, they should be so; for in the *Humorous Asthma*, when tough and viscid *Pblegm*, impacted in the *Bronchia Pulmonum* (whither falling from the Head, as some suppose, or strain'd thro' the Blood Vessels in the *Lungs*, as others think.) For tho' *Defluxions* have been expos'd under the harsh Title of *Deliramenta Catarrhi*, because our most accurate *Anatomists* (with which this last Age indeed hath not greatly abounded) have not found a direct Passage for those *Rheums* from the Head, to the *Lungs*; yet there are no mean Men that think, that the whole Texture of the Body is Vascular, to which Opinion, the great Father of our Faculty, *Hippocrates*, encourageth, when he saith, ἐν σωματί σῶντι πᾶν συμπαρὲν καὶ συρρέον. (*transpirabile, & transfluxibile*) In a living Body, all Parts are permeable by *Wind* and *Water* were it not so, how can we account for the sudden *Metastasis* of *Morbifick Matter*, which we often see?

If we allow the first Matter of this tough *Pblegm*, not to come from the superiour Parts, but to be strain'd through the Blood Vessels

vessels in the Lungs, by the Laxness of those Vessels, and the Acrimony of the Blood: Or whether the Nerves that serve for the Motion of the Lungs, be Relaxed, or other ways enfeebled, or Convuls'd? Which of these ways ever it be, those Waters may do considerable Service, by rectifying the Blood, and Nervous Juice; by diluting that Tough and Viscous Matter, impacted in the Lungs, and consequently fit it for easier Expectoration. And in the Nervous Case, when either from Weakness, or Convulsive Motions (as in a Suffocating Catarrh) of the Nerves, the breathing is deprav'd, or impeded; then by strengthening those Nerves, and Nervous Parts (which certainly these Waters do, both Inwardly, and Outwardly used) they become advantageous also, and if so they cannot but be helpful too, when from a mixed Cause.

These are, I think, the usual Causes, assign'd for *Pectoral Distempers*; yet before I end this Chapter, I think I shall give an Instance of an *Asthma* (and one of the highest Degree I ever yet saw, at least by Fits) that proceeded from neither of these Causes.

Reciting the Observations I have in these Cases, made (where (as in all the rest) you are to expect bare Matter of Fact, but in true, tho' plain terms) I shall begin with an Honourable and Worthy Person. OB-

O B S E R V. II.

The Lady-Dutcheſs of *Ormond*, (Grand-mother to the preſent Duke) aged more than Sixty, when recommended to my Care, by Sir *Alexander Frayſer*, and Sir *Charles Scarborough*, in *September*, 73. Her Grace came hither for a long continued *Cough*, and *Aſthma*, and bore her Journey down but ill, inſomuch, that ſhe could not begin the Uſe of the *Waters* in ſome Days after ſhe arriv'd here, but was forced to be ſet upright in her Bed, Day and Night, in which Place and Poſture ſhe at length began upon them, and that but in ſmall Quantities at firſt. But bearing them well, and with ſome Advantage, we increaſed the Doſe by degrees; and paſſing them better than was expected, ſhe drank them on, for a Month at leaſt, with little Intermiſſion, and with ſo much Relief, that ſhe expectorated more freely, and could lie down in her Bed; her Appetite encreaſed, ſhe reſted pretty well, and could, ſometimes, walk the Chamber, and into her Dining Room, long before her Grace went hence; and bore her Journey back without great Complaints.

Passing the following Winter (the Season in which such Distempers usually return and increase) much better than others before. Her Grace came again the Summer following in *June*, 74. and several times afterwards; in *August* 76, and in the same Month, 77. Her Grace was here again in 83, still to continue, and improve what Advantage she got at her first coming.

O B S E R V. III.

Mr. *Comin*, from *Chelmsford*, in *Essex*, aged more than Forty, was recommended to my Care, and sent hither for Cure in *July*, 72. by one Mr. *Swallow*, a Physician of those Parts. He was highly *Scorbutical*, *Hydropical*, and *Asthmatical*. He was very like to die upon the Road; forced to stay upon the way at several Places; first, at *London*, where (if I remember well, he told me) he consulted Dr. *Browne*. Next, at *Braynford*, and there sent for Dr. *Bedingfield*, of *Thistleworth*. He stay'd also at *Reading*, where he had the Advice of Dr. *Mears*.

They all dissuaded him from coming forward; one telling him that the Bath would kill him, being pernicious in a *Drop-sie*, and not beneficial in the *Asthma*.

He was indeed prodigiously swell'd from Head to Foot, but maugre all, he would proceed, and did; and at length (tho' with great Difficulty) got higher, but under such Circumstances, that I with'd him back again, doubting that he would disrepute the Place, and Means, by dying here. However, after Vomiting, and Purging him, and supporting him with *Cordials*, (wherein *Aqua Asthmatica Quercitani* was a chief; and *Aqua Raphani composita* bore a sh re also) I put him upon *Drinking* these *Waters*, which passed sooner, and better than could reasonably have been expected, considering that he could use little or no Exercise with them, by reason of the Shortness of his Breath, the Weakness and Bigness of his Limbs and Belly. But beyond Expectation he got Ground daily, of all his Symptoms, insomuch, that having caused his Cloaths to be taken less, and procuring Shooes of a smaller size than those he brought with him, he could walk, and breathe freely; He got an Appetite, even upon his bathing, which usually lessens it, for the present; he therefore interposed that with *Drinking* the *Waters*, and was by both manifestly reliev'd; so that in Six Weeks, or Two Months time, he went back, recover'd to a miracle. He came a Season or two after-

afterwards, but rather to confirm what he had got, than upon any new occasion.

O B S E R V. IV.

The Lady *Mary Kirke*, about Forty Years of Age; for many Years past subject to a most severe *Asthma*, even to the highest Degree of it, an *Orthopnea* (being often forced, many Days, and Nights following, to keep up in a Chair, or to be bolster'd upright in her Bed) she drank the *Waters* here upon the Place, several Years following, with great Advantage, insomuch, that in the Winter, 93. her Ladyship had few or no Returns of those severe Fits, which usually seiz'd her in Cold, and Wet Seasons. She came down ill indeed in Summer, 94. but it was by an unhappy Accident; a Fire happening in, or near the Inn where her Ladyship lay in *Marlborough*, which forced her out of her Bed in the middle of the Night; which Fright (for she was subject to *Hysterick Fits* also) and Cold together, put her into a great Disorder; yet after a Weeks time she recover'd it, and set upon the drinking of the *Waters*, as formerly, and was sometimes by my Lady *Elizabeth Littleton's* Encouragement, who said she was recover'd of an *Asthma*, chiefly by
T bathing.

bathing, which few else (that I have been concern'd with) can say; she did well, and went away that Year also much advantaged. And now whilst I am looking up these scatter'd Observations, to put them into some Method, in order to the publishing of them, *Jan. 21, 1695.* I received a Letter from her Ladyship, in which she says, that for the whole Winter past, (which to every Body else hath been very severe, and all complain of, but her self) she had not so much as felt an Oppression at her *Breast*, much less a *Cough*, that kept her from sleeping, or a *Meals Meas*: that she went out in all *Weathers*, and stay'd sometimes till *Nine a Clock* at Night, and rests not the worse for it.

Her Ladyship came last Summer also, 95. and stay'd till the latter end of *October*, and bathed, even in the *Hot-Bath*, as well as drank the *Waters*, and did very well with it.

OBSERV. V.

Sir *Edmund Villers*, Knight-Marshall, aged 62. was sent hither, and recommended to my Care by Dr. *Shert*, and Mr. *Mul-lens*, the Chyrurgion. He had an *Ulcer* upon his Leg; upon the well nigh healing up of which, he became Inwardly indisposed; was

was Scorbutically affected, and Asthmatick. He came first in *June*, 82. and drank the *Waters* with no small Success, both as to his Inward Indispositions, and the Eruption of that hot and sharp Humour in his *Leg*. The *Asthmatick Fits* return'd not so often, nor so violently as formerly, and the *Ulcer* was less painful, and almost skinn'd over, tho' it had been a Trouble to him for many Years before; the drinking of these *Waters* abating the Acrimony of the Humour, and lessening the Quantity (they passing well both by Urine and Stool.) He bathed also his Leg in his Chamber in some of the *Bath-Water*, every Evening, after the first Week; and this disposed the *Ulcer* to cicatrizing.

He that year, return'd very much better, but at his second Coming, (for he was here Two or Three Years following) having drank the *Waters* (and done as at the first time) for a Month or Five Weeks, with like Success, as we all thought. Whither the Humour formerly discharged at that Eruption in his *Leg*, return'd upon his *Lungs*? (tho' he was purg'd between whiles:) Or whither the drinking of the *Waters* had increased the quantity of his *Blood* (though what he discharged seemed proportionate to what he drank, or whither (which is most likely) his

taking a more than usual Freedom with his Friends, at going off? (for he had determined his Return the next day.) He was seiz'd in the Night with a violent *Asthmatick Fit*, in-somuch, that I was call'd up in haste, and, other Endeavours not succeeding, a Chyrurgion was sent for, who took from his Arm, about Twelve Ounces of Blood, and this (with what Means he had used before) brought him out of that Fit, and render'd him so well, that he prosecuted his Journey next Morning, and got safe, and well home, without any Return of the *Asthma* by the way.

OBSERV. VI.

A very worthy and good Lady (whose Name I conceal, because I have not her Ladyships Leave to make it publick) between Thirty and Forty Years of Age, came hither in August, 93. very much indisposed; being (from Troubles and Disquiets of several sorts, and from an Hereditary Disposition to such Distempers) not a little Scorbritical, Hydropical, and Asthmatical.

Her Ladyship had been under the Directions of a very worthy Person of our Profession, in her own Country, as well a

of several of the Colledge of Physicians in London, but still remain'd lyable to the Returns of the same Symptoms, under which she had, for some Years past, labour'd; and therefore came to *drink these Waters*, as to a last Refuge.

Her Ladyship quickly began upon them, and as soon perceiv'd Benefit by them. After a Fortnights *Drinking*, I permitted her Ladyship to use the *Cross-Bath*, which agreed so well with her, that she was troubled that she had not gone in sooner. It had indeed a different Operation upon her, than it used to have upon most others; for whereas with many it hinders (next day at least) the passing of the *Waters* (by heating the Body, and diverting the Serosities to the Pores of the Skin) it promoted it in her, and gave her much more Lightsomeness, and Freedom, in breathing; so that henceforward, for the whole time of her Stay (which was, indeed, too little; but a Month in all) her Ladyship *drank and bashed Alternis vicibus*; and found so much Advantage by it, that she came earlier the next Year, about the beginning of *May*, and stay'd longer (Three Months, or more) and had greater Advantage by it. I have observ'd the same Effects, from moderate *bathing*, the better passing of the *Waters* by Urine, in some others, but not in many.

[O B:]

O B S E R V. VII.

Mrs. Mary Whitaker, a Virgin, aged Thirty-nine, from Potterne, near the Devizes, in Wiltshire, came hither, May 2. 1681. She had been troubled all the Winter before with a violent Cough, insomuch, that she spit Blood; in January she was seiz'd with the Palpitation of the Heart, to a great degree; so violent, that she inconsider'd all her other Symptoms, and look'd upon her Difficulty of Breathing to be the Effect of that, whereas it seem'd to me to be more likely, that the Nervous Asthma, (for such I think hers to have been) caused the Palpitation, rather than the Palpitation caused the Asthma: The Cough continued still, but became more violent in April, but with little Expectoration. When she came hither she was exceedingly short-breath'd, and wheesed, as they vulgarly term it here, when the Wind-pipe makes a Noise in Breathing. Upon stirring never so little, especially up Stairs, she look'd black in the Face like one half strangled, and her Heart beat, as if it would come out of her Body.

She was always Hot and Feverish, sweat much, and had a quick and labouring Pulse. Most of these Disorders were upon her before she

came from home, but they were greatly increased in, and after her Journey, (though but a short one, of 14 or 15 Miles) so that she was not fit for any, but refocillating Means, (to palliate the most urging Symptoms) till after two or three days rest.

She had been let Blood before, and therefore would not permit it to be done a second time; tho' I thought she needed it very much, and therefore urged it, with some Earnestness.

I began with gentle Pills over Night, and caused her to drink the *Waters* next Morning. The Pills, after Three or Four Days, were left off, and the *Waters* taken alone, or with *Sal-Prunella*. This she continued to do, but with *Pectorals* between whiles, and *Paregoricks*, for her violent Cough, and *Weakness*, a Month or Five Weeks, and was by it perfectly recover'd, and is alive to this day, for ought I know; I am sure she was in *October*, 94. when I had a Letter from her, and I have since, by enquiry, heard, that she was alive, and well.

OBSERV. VIII.

Sir Robert Craven, Knight, Nephew to the Earl of Craven, Master of the Horse to the Queen of *Bohemia*, in the 40th, Year of

his Age, came hither in *September*, 72. for a stubborn *Asthma*, that had eluded several rational Courses of Physick.

He was a comely Gentleman, of a middling Stature, well shaped, large chested; fresh and well colour'd (except when in a Fit, of a Ruddy Countenance, and in the Intervals of his *Asthmatick Fits* one would have judg'd that he had ail'd little or nothing. He had been under the Care of the most eminent Physicians, both at the *Hagæ*, and at *London*, and was at last sent hither to try what these *Waters* would do for him. There was sent with him a State of his Case, which I have still by me, but no Name to it, nor can I recollect, if he did tell me, who it was from. He soon began upon drinking these *Waters*, and had drank them, with little Interruption, Three Weeks or a Month; and, as he and we all thought, with no small Advantage; for he had seldom his *Fits*, and could walk a Mile or two. Presuming upon this seeming Amendment, his Lady and he walked one day to the farther end of *Lansdowne*, which is Two Miles from this City, and were surpriz'd with an Approaching Storm; to avoid which, they return'd homeward faster then ordinary; he put himself, by it, into a great Heat, but brought not presently his Fit upon him. He

Physi.

was wet also with part of the Storm, which fell before they could reach quite home; this gave him a Cold; that renew'd his Fits, and put him into a *Fever*, of which he dy'd, after Ten Days, or a Formight, I was forced to leave him to the Care of another Physitian, being sent for to a Patient in the Country. His Case being very unusual, and having puzzled most of the Physitians that were concern'd with him, I was, at my Return, which was the same day he dy'd, very importunate to have him dissected, which, at length, I very hardly obtain'd, of his Lady, leave to do.

What was most remarkable in the opening of him, in reference to the business in hand, was as followeth.

1. It was the fattest Corps I ever yet saw open'd; cutting near an Inch thick in fat, all down the Breast and Belly: All the Intrals prodigiously Fat, yet was he not at all Ventricose.

2. The Heart, and all the Vessels from it, cover'd with Fat

3. But what was chiefly observable, as to our purpose, was that upon throwing back of the *Sternum* upon his Face, the better to examine the *Pectoral Parts*, there appear'd a large flap of the *Glandulous Flesh*, and *Fat*, intermixed, of more than a Hands but

breadth, and half, in length, and of the breadth, and thickness of an ordinary Plum Hand. This Flap lay upon both *Lobes* of the *Lungs*, and cover'd them, at least where the *Lobes* divide. Raising it up, I found it did not adhere to the Body of the *Lungs*, but seem'd to be the *Thymus* enlarged.

4. There was also about Two Inches above the Heart, round the great Ascending Artery, a Substance which (at first view look'd like another Heart, and almost as big, but upon farther Search was found to be a *Callous*, as well as *Glandulous Substance*, interspersed with Fat, (as was the former) as big as Three or Four large Walnuts, which after it was dry'd in a Paper in my Pocket for I kept it a long time to shew it, and at last, by lending of it, lost it; It weigh'd after it was thus dry'd, and look'd like Glue above an Ounce. This encircled the great Artery, without compressing it, and seem'd to be an *Accrescency* to it; for when it was so dry'd, there remain'd a Cavity in the Mass thro' which the Artery passed, and all look'd almost transparent, like so much Glue.

Riverius (in his *Praxis Cap. de Palpitatione Cordis*) says, that such like Tumors, and Tubercles, upon the Arteries, are one cause of the Palpitation of the Heart; and instanceth out of *Galen de Locis affectis*, that such a one

one was found in *Antipatrus*, the Physician; and says farther, that *Dodoneus* also observ'd the like upon the great *Artery*. It is worth considering whither the *Convex* part of this Substance might not compress something the *Bronchia*, where they divide, and so add to this *Asthma*.

In short, I at last cut off the *Trachea Arteria* as close to the *Throat*, as was possible, and took out the *Lungs* and *Heart*, and all together, and with a small pair of Bellows, blew up the *Lungs*; which when I did moderately, that Flap kept equal upon both Lobes, but when I gave a greater Blast than ordinary, it fell in between the two Lobes of the *Lungs*; which I thought gave reason to conjecture that to be the Cause of his (otherwise) unaccountable *Asthma*; which by Fits he had to the highest Degree imaginable, not only upon taking Colds, but upon talking earnestly, or laughing, or any sudden Commotion, and would look black in the Face, like one more than half strang'd.

I once dined with him, in my own House, at Sir *James Long's* Table, when in the midst of Dinner, upon talking freely, and laughing, he fell into a Fit, and rose from the Table. I went out with him into the Hall, whence (after a little whiles striving, with-
out

out any considerable Expectoration) he return'd back into the Dining-Room, as well as when he first sat down, and made an end of his Dinner.

Could this have been known to have been the reason of those Fits, nothing but often Bleeding; and Purging, and half Starving, could have been his Remedy. There were more (and those considerable) Observables in the opening of this Body, that manifested too much nourishing, but they appertain not to the present Subject we are upon.

OBSERV. IX.

Sir Henry Andrews, of Laftsbury, near Newport-Pagnal in Buckinghamshire, aged 71, came first to the Bath in 87, for a *Scorbutical Asthma*. His Lady had formerly been here, and drank the Waters with Advantage for an old Cough, and more than an Inclination to a *Consumption*; of which she, at length, dy'd. The Relief she had, for a time, put him upon the Tryal of this Remedy; which he did the first year with so much Success, that he came again year after year for a considerable time, and would have gone on so to do (having still had Relief by it) had no other accidental Illnesses rendred him weak, and unable to bear so long a Journey. He

He was alive (but very feeble) in November, 94, as I understood by his Servant, whom he commanded to see me, he then sending him into these Parts.

He *bathed* as well as *Drank* the *Waters*, his Lady *drank* only. He had, besides his *Asthma*, the *Morphew*, upon his *Back*, *Breast*, and *Shoulders*; and some *Weakness* in his *Limbs* also.

OBSERV. X.

The Lady Marchioness of Antrim, in the Kingdom of Ireland, aged 62, was sent hither in July, 92. and recommended to my particular Care by my good Friend, Dr. Theodore Collidon. Her Honour had been troubled many Years with a *Cough*, and *Shortness of Breath*, and was, (in many Circumstances) as the Lady Dutchess of Ormond (before mention'd) but not altogether so bad.

Her Ladyship *drank* the *Waters* mostly, *bathed* but seldom, continued here Five or Six Weeks, and being much advantaged, went back to London, and was so well the following Winter, that she was encouraged to come a second time, which her Ladyship did in May, 93. and prosecuted the like Course she had done the year before, with equal (if not better) Success.

Her Ladyship went directly hence into *Ireland*, to her own Seat at *Antrim*, from whence I had the Honour of her Remembrances, and an Account of her continuing well, by a Servant of hers that came hither in *Summer*, 94. to drink again these *Waters* in a *Pectoral Case* also (a confirm'd *Phthisis*.) He assured me, that her Honour continued the Benefit she here receiv'd the Two Years before; and acknowledged her better Health to be from the drinking of these *Waters*.

OBSERV. XI.

A worthy Citizen's Daughter of *London*. Mrs. *Sherwin*, a Virgin, between Thirty and Forty Years of Age, having lain under a Complication of Distempers, many Years before, came at length more than once, to the *Bath*. She was here in May 79. and took the joynt-advice of Dr. *Baynard*, and my self. She was *Scorbutical*, *Asthmatical*, *Hydropical*, and *Hypochondriack*. But the *Pectoral Distemper*, at length urg'd most, and became a manifest *Vomica Pulmonum*. She discharged, by the help of these *Waters*, vast quantities of Corrupt Fætid Matter by easy Expectoratation, which for a while greatly palliated, but could not cure, her Disease; for in *October*, 83. she dy'd near

London, under *Dr. Baynard's* Care, who was at the Dissection of her Body, and gave me some Account of the Observables in it, amongst which chiefly, the monstrous bigness, and the corrupt State of the *Liver*, and the total Decay of the very Substance of the *Lungs* (which was one Bag of Purulency) appear'd to be the Cause, both of her tedious Sickness, and her deplored Death.

Many more Instances might be given upon this Head, but it would then enlarge too much what is intended only for a Specimen of Recoveries here gain'd.

CHAP. III.

Of the Palpitation of the Heart.

THE next Distemper of the middle Region, (the Cavity of the *Breast*) that our *Water-drinking* hath been concern'd with, is the *Palpitation* and *Trembling* of the *Heart*; of which Disease, Physicians have conjectured very different Causes.

I. Some thinking it to be from the unequal Consistence of the Blood, for when the Grumous Parts are passing thorough the Ventracles of the *Heart*, in the Circulation, there

there is more struggling requir'd, than what that which is thinner, and of equal Consistence, is carry'd on, without Interruption.

2. Others refer it to Vapours, affecting those *Nerves* that are more immediately concern'd in the moving of that noble *Muscle*.

These two Causes may probably account for the occasional Tremblings, and Inordinate (and seemingly Convulsive) Motions, of the Heart, and the intermitting the Pulse, or the Irregularity of it.

3. What is constant, and more frequent hath been ascrib'd to a *Polipus*, generated in one or both of the *Ventricles*; which way ever it be, I have had very signal Instances of this Symptom; and some have had considerable Recoveries here, though others have not been so successful, yet shall I not forbear to mention, even them also.

OBSERV. I.

I shall begin with one of the worst for (I think caused by a *Polipus*) who had no much Advantage whilst he was here, and his Relations gave me little, or no account of him, after he went hence. It was the Son of one Mr. Potterell, an Apothecary of Okeham in Rutland-shire; who (about Four Years before they thought fit to send him hither

was seiz'd with a violent Pain in his Head; from whence it fell into his *Knees*, and other Joynts, and sometimes into his *Bowels*; it would, in a moment, move from Place to Place; at length, a strange and unusual *Palpitation of the Heart* seiz'd him, which held him a considerable time before he came hither. This Symptom had alter'd the shape of his *Ribs*, (especially on the *Left Side*) and *Sternum* very strangely; for they bulged out to a great bigness, as if designedly done, to enlarge the Cavity for the freer moving of the Heart, being confin'd before; the Motion indeed was very inordinate and strange.

It was not chiefly for this that his Parents brought him hither, but for the *Weakness* of his *Limbs*, which the *Rheumatism* had left upon him. He was about 14 Years of Age, and came in *July* 74. After Preparation he *bathed*, but that did not agree so well with the Inordinate Motion of his Heart, as it did to the Feebleness of his *Limbs*, it rather increased it; I therefore put him upon *drinking* of the *Waters*, which did not do so very well neither, because he could not use due Exercise after them, yet some allay it did give to that (I thought the more considerable) Symptom.

They had try'd all manner of Means before to no purpose, and therefore allow'd him the longer time of Stay here, to try the utmost of this; which he follow'd for Five or Six Weeks, as his small Strength would permit, but I cannot say, with much Apparent Success nor can I remember well what (or whither any) Account was afterward given me of it. But the Motion of his Heart was so very great, and so surprizing (as if it had been a Dog or Cat pent into a Room, and forcing a way out) that I could not forbear the mentioning of it.

OBSERV. II.

Likest to this was the Case of Mr. George Harrison, (Son to Dr. Harrison, Master of St. Crosses, near Winchester) aged 18 or 19. His Father and Mother came with him hither in Summer, 92. He was then a Student in Oxford, of Corpus-Christi-College. He had been from his Infancy subject to Coughs, and Asthmatick Distempers, occasion'd (as I was inform'd since by some of his Relations) by his Nurse, her putting upon him a Quicksilver-Girdle for the Itch, which she her self had (or suffer'd other to do it) infected him with, when very young, and sucking at her Breast, and probably

bably without acquainting his Mother, or any of his Relations with it. This laid the Foundation of a great deal of Illness; in his *Pectoral Parts*, especially, which renew'd every now and then upon slight Occasions. At this time (and for some Months, if not Years, before) he had a great *Palpitation of the Heart*, and Difficulty of Breathing, especially upon any Motion of his Body, more than what was very easie; he could not bear the Agitation of a Coach, much less endure the Trotting, or Ambling, of a Horse, but had often chosen to perform large Journeys on Foot, rather than adventure the Disturbance of either. In this Condition he arriv'd here; and my Advice being desired, I put him upon *drinking* of these *Waters*, after due Preparation, which he went on with for a Month, or more, with that Advantage, that his Breath was freer, the *Palpitation* well-nigh ceased; he could ride home, and did, and from his Father's House to *Oxford* in a day, from whence he wrote me a Letter of this his Recovery, which continued the following Winter, and till he came a second time, the Spring following; and after that a third Season, to confirm rather the Advantage he at first obtain'd, than upon any new Occasion, or Relapse.

O B S E R V. III.

Richard, Earl of Tyrconnell, in the Kingdom of Ireland, was advised to come hither to drink these Waters, by Sir Thomas Witherly, and Dr. Wallgrave, (afterwards Sir William.)

His Lordship came hither in April, 86. and by a Letter, from the last mention'd, recommended to my House for Lodgings, and to my self for Advice. He had been a long time, *Hypochondriack* and *Scorbutical*, but for some Months past (especially in the preceding Winter) was seldom free from the *Palpitation of the Heart*, and an intermitting *Pulse*, and a decay'd *Appetite*, and ill *Digestion*; which greatly dismay'd him. After the tryal of several Remedies (particularly a long *Chalybeat Course*) they sent him hither to drink the *Bath Waters*; and the earlier in the Year, because his Lordship was appointed to go for *Ireland* in Two or Three Months: for which reason (that he might lose no time) I presently order'd his Lordship *Quercitan's Tartar Pill*, over Night, and to drink two Quarts of the *King's-Bath Water* next Morning. He did this Three or Four Nights following, which prov'd a sufficient Preparation for his farther

the

ther drinking of them alone, without Pills, which he did, but increased the Quantity, by degrees, to Five Pints, and at last to Three Quarts. His Lordship continued thus to do (interposing now and then a gentle Purging, and but Two or Three times *bathing*) Five or Six Weeks; and at the end of which time he went hence chearful and well, and with a good Stomack; the *Palpitation* almost wholly abated, and the intermitting of his Pulse scarcely discernable.

O B S E R V. IV.

Coll. *Charles Norwood*, aged 66, having been, to a considerable Age, a strong and healthy Man, and jolly enough; was in the King's Army in the time of the Civil War; and after the Return of King *Charles II.* employ'd abroad; was Governor of *Tangier*, for a while; but not long after his Return from thence, gave over Marshal Employment, and lived upon his Estate. Whither by his living in *Africa*, (a hot Country) or some other Accidents, he had several Indispositions upon him, amongst others, this of the *Palpitation of the Heart* in a very great measure, so that it became very troublesome to him, and he apply'd himself to several Physicians for the Removal of it;

U 3

and

and was at length advised (or inclin'd of himself) to *drink* these *Waters*. He came hither in *Summer*, 78. and desir'd my Assistance, in directing him how to manage himself in the Use of them.

After due Preparation (by *Bleeding*, *Purg-ing*, &c.) he began upon them, and *drank* them about Ten Days, and would then needs try how the *Bath* would agree with him, having some uneasiness in his *Limbs*, (at least as he pretended, being willing to try all things.) *Bathe* he did, tho' I foretold him, it would rather increase than diminish that Symptom for which, chiefly, he came hither. He found it too true; gave it quickly over; and return'd to his *Water-drinking*; which in a Month, or Five Weeks time, remov'd the *Palpitation*; got him a better Habit of Body, which was continued for some considerable time: But at last he was seiz'd by a *Quar-tane Ague*, which stuck long upon him, and at length left many ill, *Scorbutical Symptoms* behind it, for some of which he made an *Issue* in his *Left Arm*, to which a very great Quantity of Sharp and Virulent Matter tended, much more than could be discharged at that small Orifice; and therefore brake out all round about it; for which also he came again to this place, but to little or no purpose; it became at length *Chyrurgeon's Work*,

Work, and he often went from one to another, till at long run, it mortified and kill'd him.

OBSERV. V.

Though Mrs. Mary Whittaker, and Mrs. Elizabeth Wayte, have been both already mentioned, the first in the preceeding Chapter, of the *Asthma*, *Observ.* 7th. The other in the first Book, in *Chap.* 9th. *Observ.* 3d. where instances are given in *Green-Sickness*, &c. yet may they both be deservedly mentioned again, having both (with other Symptoms) this also in a very high Degree.

Mrs. Whittaker had it so violently, that to this day, she believes it to have been her chief *Distemper*; and made her to inconsider *Cough*, *Asthma*, and all other her *Complaints*, and to lay the blame upon this only; and though Mrs. Wayte was not unsensible of her *Tiryness*, and *Dispiritedness*, and want of *Stomach*, &c. yet would she very often, and much, cry out, upon this *Troublesome*, and *dismaying Trembling*, which she always had at her *Heart*, but especially when she stirred never so little. However they both (as hath been already in due place said) were very well recovered by these

theſe *Waters*, of this Symptome alſo, with the reſt they then laboured under.

More particulars might be here alſo added, but theſe few may ſuffice to ſhew what theſe *Waters* have done in this Caſe, as well as in many others. We therefore proceed to a

C H A P. IV.

Dropſie.

HAVING diſpatched the *Diseases* incident to the *Parts* contained in the *Breast*, we come next to thoſe of the *Lower Region*, the *Parts* contained in the *Abdomen*, and there firſt of the *Infirmities* of the *Liver*, the chief of which will eaſily be allowed to be the *Dropſie*.

Though *Physicians* have always forbidden *Spoon-meats*, as well as much *Drink*; nay ſuſpected even *Liquid Medicines* in *Hydropical Caſes* (which, by the way, gave occaſion to the humorſome *Dr. Butler* of *Cambridge*, (as is ſtoryed of him) to give the following (then thought extravagant) Advice to a poor *Patient*, that had not wherewithal to pay his *Apothecary's Bill*, that he ſhould

ſhould go home and not drink in a twelve-month; the poor Fellow being willing to be well, did ſo, and at the years end came perfectly recovered, and thanked Mr. Doctor for his good Advice.) Though, I ſay, Liquids have always lain under a Suſpicion, in *Hydropical Diſtempers*, yet I am not without ſome inſtances of profuſe *Dropſies*, recovered by drinking theſe *Waters*, and bathing, moderately, between whiles.

OBSERV. I.

I ſhall begin with a Tipling Butcher of this City, one of the firſt Patients I had, after my coming to reſide here (for young Beginners in the Practice of *Phyſick*, muſt lay the Foundation in Charitable Cures.) His going too often to the Ale-houſe, rendering him unable to go longer to the Market, to buy fat Cattle, he turned *Sheriffs Bayliſſ*, and then drank on upon the poor Prisoners Coſt, till at length he had diſtended his Carcaſs, as much as he had before extenuated his Stock. He was ſwellen from Head to Foot, by an exquisite *Aſcites*, and *Anaſarca*, and (as is not unuſual in that Diſtemper) was exceſſive thirſty; the more he drank, the more he craved for Drink, and the leſs he diſcharged by Urine. I preſcribed

bed firſt ſome cheap *Hydragogues*, amongſt which you will eaſily gueſs *Falope* to have born a conſiderable ſhare; after thus *Purging* (indeed chiefly to ſave the Charge of an *Apothecaries* long Bill, as well as to quench his Exorbitant Thirſt, which the *Bath water* infallibly does in all Caſes beyond any other Liquor.) I put him upon drinking theſe *Waters*, which paſt ſo well by *Urine*, that in Ten days he apparently got Ground, by looſing Girt; and thus repeating, once a Week, his former *Purge* in about ſix or ſeven Weeks time, he was reduced to his Priſtine Shape. Then ordering him ſome (not very chargeable) Bitters, to ſtrengthen his Entrals, diſmiſt him perfectly Cured. He held ſo a Year or two, if not more, I think two or three. But Oh! The dear love of *Drink*, he went on with his beloved *Tippie*, till he had brought himſelf to the ſame paſs as before, and without conſulting me again, the *Apothecary* and he repeated the ſame thing, and was recovered the ſecond time; and after that a third, if not a fourth, till at length he had (with his continued drinking and ſome Bangs, and Bruiſes, to which Bayliſſs are liable when they arreſt Debtors ſo corrupted his Entrals, that he dyed of an inward Impoſthumation. His Name

was *George Ruſſel*, he hath ſome Relations yet living here, he was upwards of Forty when he became my Patient.

OBSERV: II.

Though *Mr. Comin* of *Chemlsford* in *Eſſex*, be already mentioned amongſt the *Aſthmatick* Patients, yet he cannot well be here left out; for indeed it was a moote Poynt, whither he was more *Hydropick* or *Aſthmatick*, only it may be ſaid, that the *Dropſie* in his Breſt might aggravate, if not cauſe his *Aſthma*.

He was indeed exceedingly ſwellen from Head to Foot, and was recovered by *Bathing*, and *Drinking* theſe *Waters* (as is elſewhere more at large related) beyond all Expectation of thoſe he came from, and of us he came to; and ſooner then his, or our, forwardeſt hopes could have ſuggeſted to us. He continued free, a great while, from any *Relapſe*, and may be yet alive for ought I know.

OBSERV: III.

Mr. Treagle a *Grocer* in *Tanion*, about Forty Six Years of Age, having been a long time *Hydropical*, *Scorbutical*, *Cachectick*, and
Ne-

Nephratick; and finding no Advantage by the Courses he had been put upon at home, was Counſelled to come hither, and Recommended to my Care, by a Friend of his, a Gentleman of thoſe Parts, one that had the Year before, been my Patient here, and was then *Higb-Sheriff* of the County. He accordingly came in May, 55, with his Leggs and Thighs greatly ſwellen, and ſo weak as hardly able to ſupport himſelf: He had large, red, and livid Spots in both, made very little Water, and that highly Tintured with *Cholar*, as in the *Faundice*. His Countenance, and Whites of his Eyes, ſharing in the ſame diſcolour, and under all this horribly Deſponding, and Melancholy. In theſe Circumſtances, I ſcrupled at his *Bathing*, fearing his *Liver* was not ſound, in which Caſes the uſe of the Bath is not ſo juſtifiable a Remedy. But he coming (as he, with ſome earneſtneſs, urged) purpoſely for it, was in haſte to be admitted to it. And for *Drinking* the Waters (which I as earneſtly preſſed) he had been too much uſed to *Strong Ale* and *Cyder*, (and ſometimes *Wine* and *Hot Waters*, I doubt, to keep up his *Spirits*,) to be eaſily perſwaded to ſo inſipid a Liquor. However, I did at length, with ſome Difficulty, prevail for a Weeks Deliberation upon *Bathing*

thing, and in that time, purged him, made him to take of an opening *Apozeme*, *Chalybeats*, *Hepaticks*, and *Antiſcorbuticks*, and the *Waters* between whiles.

Theſe Things changed his Countenance and the Colour, and quantity of his *Water* in ſome Meaſure; and then (though ſomething ſooner then I would) into the Bath he would go, and did, but not into the hotteſt parts of it, and theſe (continuing *Alteratives*, and *Deoppilatives*, and now and then a *Purge*,) *Drinking* and *Bathing* between whiles, he mended alſo the Shape and Colour of his Leggs; got Strength in them, and returned (at Five or Six Weeks end) to his own Home, very much advantaged in all Reſpects. To continue the Benefit already received, he carryed ſome of the ſame Remedies with him, and Directions for a *Diet-Drink*, which he thanked me for ſome Years after.

O B S E R V. IV.

Much in the like (if not a worſe) Condition was one Mr. *Appletree*, an *Inn-keeper* in *Crookhorn*, in the South part of *Somerſetſhire*, commended to my Care by Dr. *Turbervile*, the Famous *Occuliſt*. He was about 60 Years of Age, and was brought hither in

in *May 56*. He had, beſides the *Symptoms* mentioned in the laſt Obſervation, a violent *Cough*, and his lower *Lymbs* were more enervated, inſomuch that he could not ſtand upright; much leſs go at all. He both *Drank* the *VVaters* and *Bathed*; took *Pecto-
rals*, as well as *Antiſcorbuticks* and *Heparicks*. He returned after Five or Six Weeks, with ſome *Medicines* with him, and came again in *September* following; the better to ſecure his Recovery, before the approach of *Winter*, which he paſt, not only without Relapſe, but even then got more Ground of all his *Symptomes*; whereas formerly they uſually increaſed, and were more afflictive to him, at that Season.

Whither he came hither a third time, I cannot well remember; but I had ſeveral times Information, that he continued well enough to go about his Buſineſs, in and out of his Houſe, and probably to Drink with his *Guests*, which he was not backward in, when well, and too much of which was thought to be the cauſe of this his *Diſtemper*. How many Years after he Lived; and of what at length he dyed, I have not been informed.

OBSERV. V.

A poor *French-Man*, whose Name, Age, and other Circumstances, I could not get the knowledge of, (at least did not mind to set it down in the Papers, out of which I pick these Observations) came hither in *July 61,* far gone in an *Anasarca* and *Ascites* as to a last, (at least a cheaper) Remedy then others he had tryed before; for when I came to him, he complained how much it had cost him, and in how many Hands he had been, and to little or no purpose, and so sued, in *Forma Pauperis*, for further Advice. Before this he (as many others of greater Abilities, to give Fees, and to pay an *Apothecaries Bill*, often have done, and still do; how discreetly let the World judge) had put himself upon *Bathing*, which did him more hurt then good, till I assisted him with my Advice, to which I was call'd by some Charitable Persons that pityed his Indiscretion, as well as his weak Condition. For since the Death of *Dr. Venner* (which was in 60) I have had the Honour, as well as the Trouble, to be the Physician to poor Strangers (a Charity of a Predecessor of the Present Lord Scudamores) Yearly chosen by the *Mayor and Aldermen* of this City

City, on the 15th. of *April*, to whose continued Kindneſs I owe my more then **Thirty Years Election** to that *Province*.)

When I came to him, I ſoon found his Error in *Bathing* firſt, and preſently put him upon *Drinking* the *Waters*, to cool him, for he had greatly inflamed himſelf, and augmented his Thirſt. I alſo ordered him an *Hydragogue Powder*; upon a Copy of which I find this Marginal Note (for in thoſe days, and ſometime ſince, I kept Copies of ſome Preſcriptions) *Cujus uſu abundè dejecit ſeroſum humorem, & illico detumerunt manus, Pedes, & totum Corpus*. In ſhort, he went away recovered; and it is no wonder that I never heard of him ſince, when ſo few of our own *Country-Men* though but at ſmall diſtance from us) ſcarce give any account what Benefit they receive, or how long they retain it, which I think to be a Fault, that deſerves a Reproof, and hath been no little hindrance to the Printing of an Yearly Catalogue of what Cures have been done here, which hath been ſo often talked of, even by ſome of thoſe that have been guilty of this Omiſſion: I was going to ſay *Ingratitude*.)

Mr. *Warner* (then Mayor of the City of *Wincheſter*) aged 50, came in *June*, 77, recommended to the *Bath*, and me, by Sir *Robert Holms*, then Governour of the *Iſle of Weight*, and *Burgeſſ* in Parliament for that City. He himſelf had often experienced both, theſe Waters, and my Advice, in almoſt all the Caſes already (and to be) mentioned.

He had been here when ſwell'd in a *Scorbutical Dropſie*, and when extenuated by an *Atrophy*, when batter'd and bruised in Sea-Fights; when diſabled in all his *Lymbs* by a *Colica-Pictonica*, &c. Having both Bathed and Drank the *Waters*, and found Advantage to himſelf by both, he now adviſed this his Friend to the ſame Means, and Aſſiſtance. He came hither greatly infeebled by a Fit of the *Gout* or *Rheumatism* (to which he had been, for ſome Years ſubject) inſomuch, that he neither ſtood upright, nor endeavoured to go, but with Pain and great difficulty; his *Legs* and *Thighs* were much ſwellen, and diſcoloured with large *Scorbutical Spots*. He made a *Lixiviate Water*, and that in ſmall quantities: had little or no Appetite to Meat, but drink he could more then enough,

I began with ſome gentle Purgatives, then put him upon drinking the *Waters*, and after convenient time, permitted him to *Bathe*; his *Legs* and *Feet* firſt in his *Chamber*, after that, ſuffered him to go into the more moderate *Bath*, the *Queens*, the Heat of the *King's* being apt, ſometimes when indiſcreetly uſed, to inflame the *Blood*, and heat the *Bowels*, and ſometimes to cauſe a Fit of the *Gout*, to thoſe that are ſubject to it, by ſtirring the *Humors*, and exaſperating the *Blood*, and *Nervous Juice*, but by duly preparing him, and moderately *Bathing* and interpoſing the *Drinking* of the *Waters*, he eſcaped that Danger, and his *Swellings* abated, his *Pains* were aſſwaged, and ſtrength in his *Legs* and *Feet* were in great Meaſure reſtored, ſo that in leſs then two Months time, he went back greatly advantaged in all Reſpects, and continued ſo to be the next time Sir Robert Holmes came to the *Bath*, which was (I think) the next Year after. I have ſince heard (by enquiry) that he is ſtill Subject to Fits of the *Gout*, if yet living.

O B S E R V. VII.

Madam Mompeſſon of Upton near Batcombe in *Somerſet-ſhire*, aged near (if not more then) Fifty, being naturally of a tender Conſtitution, and a thin and ſlender habit of *Body*; from her Childhood ſubject to *Rheumes*, *Catarrhs*, and *Coughs*, and highly *Scorbutical*; her *Blood* hot, ſharp and thin. She was in Winter 88 ſeized with a ſudden and exorbitant Bleeding at the *Noſe*, which could not be ſtopped by any outward Applications, though ſeveral were attempted, inſomuch, that they that were about her (to divert the courſe of the *Blood* were forced to Bleed her frequently in the *Arm*, and *Foot*, &c. hoping by taking ſome *Blood* elſewhere, to ſave the loſs of a greater quantity at the *Noſe*.

It was at length, this way ſtay'd, but the loſs of ſo much, both by the *Diſtemper* and the *Remedy*, had ſo enfeebled her *Liver*; (and to continue the *Circulation* the *Veſſels* had admitted ſo large a quantity of *Crude Juices*, that in a little time, ſhe became *H dropical*; for which (in *April* following) ſhe was brought to this Place, and I was Conſulted for her Recovery, With this *Aſcitis* and *Anaſarca* ſhe had

X 2

had a conſtant *Cough*, and that (by Fit^s) was violent, not unlike to a ſuffocating *Catarrh*, ſo that we often feared, from thence a return of the *Hæmorrhage*; but by palliative Means it was prevented; and after ſome *Purgings*, ſhe began to drink the *Waters*, and took *Chalybeats*, and *Hepaticks* with them, which courſe ſhe continued till her Swellings began to abate, and that in a Months time was conſiderably done, the *Waters* paſſing ſometimes by *Urine* more than ſhe Drank. With the Preparation of *Steel* were given milder *Antiſcorbuticks*, and ſome *Pectorals*, which apparently leſſening all the *Symptomes*, and rectifying her *Blood*, (which appeared by the change of her Countenance, ſhe was, at Five Weeks end) permitted the *Croſs-Lath*, at firſt but half an hour at a time, then increaſing by Degrees) to an hour, but I never ſuffered her to ſtay longer then that, at any time. This occaſioning an eaſie *Diaphoreſis*, her Swellings wholly ſubſided, her *Cough* abated, her *Appetite* increaſed, and her Strength renewed. So that ſhe returned home for a Month or two (in the hot Season of the Year,) and came again about the latter end of *Auguſt*, and renewed the Courſe above mentioned, with ſome Alterations, and proſecuted it for another Month; then returned

turned home, and paſt the following Winter without any Relapſe; and the Husband gave me the Reputation of an excellent Doctor, for a Joynture-Wife.

She came again the two following Summers 90 and 91, to confirm her Recovery; after that ſhe came no more. But in February 93 (after Seven or Eight Days Illneſs) dyed of a Pectoral Diſtemper, ſuppoſed an *Absceſs* in her *Lungs*. I was ſent for to her, but it being late in the Day, and at Sixteen Miles diſtance, and the Ways and Weather bad, and not being well my Self, I ſent my *Apothecary* with Directions, but ſhe was dead before he came; dyed caſting up the Impoſthume.

I might here add ſeveral other Inſtances of this kind, but I forbear, leaſt the Book be enlarged beyond its intended Bulk.

CHAP.

CHAP. V.

Diabetes.

THE Distemper next of kin to the the *Dropſie*, is by all acknowledged to be the *Diabetes*, and therefore call'd *Hydrops ad Matulam*, the Piſs-pot *Dropſie*. In both one and the other an Inundation of Water overflows the *Microcoſme* (as *Noah's Flood* did the *Macrocoſm*) but with this difference that in the former, by reaſon of its clammineneſs, the ſuperfluous moiſtures are not eaſily carryed off, and in the latter, by reaſon of their thinneſs; they run out too faſt, and carry off with them, not only what ſhould turn to nourishment (as a Land Flood doth the Compoſt from a decliving Ground) but (as that alſo doth ſometimes, the Mold it ſelf, even to the bare Rock) this Piſſing Evil Dilutes and Colliquates even the Fleſh and Solid Parts, and with them (in little time too, ſometimes) runs out even Life it ſelf. I do not remember that in any of the Works of the Founder of our Faculty (*the Divine Hippocrates*) any mention is made of this

this *Disease*: and no wonder, for in the Age he lived, great Abstinence and Modesty was used, and unmixt Dyet, and Milk and Water their chiefest *Beverage*. What comes nearest to this Distemper in his Works is in the third Section, *De morbis popularibus*, whose Title is *Constitutio Temporis Pestilens*; where he says, that some (in that *Disease* he was describing) made more *Urine* than they *Drank*, not by a Critical Evacuation, but with Colliquation, Disturbance and Payn, and yet no judgment of the *Disease* follow'd. This therefore seems to be a Symptome only of that malignant *Feaver* he there treats of; and not the true *Diabetes*.

Our Father *Galen*, acknowledges that he never saw but two in this *Distemper*, and therefore did not think it worth his while to write of it, in his Book *de Locis affectis*. The *Disease* being so unfrequent, it would be of little or no use to young *Physicians*, for him to treat of it. Few others of the ancient *Physicians* say much of it; but we in our Days especially in great Cities, where various *Viands*, high *Gusts*, and forced Meats, much Wine (and that for the most part adulterated) are in use and frequent Debauches (with Women as well as Wine) are indulged; we have found more frequent

instances of this, once rare *Distemper*. I in my time, have seen, and have been concerned with some, and heard of others; and (what concerns more our present Business) these Waters also have been used (even in this Case) with no mean Success in the Palliation, at least, if not the perfect Cure, of this (otherwise suddenly) melting *Distemper*, as may appear by these few following Observations.

O B S E R V. I.

The Right Honourable Robert Lord Brook (whose Case hath been talked of, all the Nation over, and on which, all the Physicians then living (of any considerable Note) in this Nation, first and last were consulted about) fell into this *Distemper* about 72, and was under the Care and Counsel, of the, then most eminent Physicians in, and about London; two or three, and sometimes more, together in Consultation about him; yet by Intervals, it returned upon him with great Severity, insomuch that in three or four days time, he would not only be Faint, Weak, and Dispirited, but manifestly fallen away in his Flesh, and the Palms of his Hands would be as hard, dry and starchy, as if he had wrought
for

for his Living, at cleaving of Wood, or Thrashing, so soon would all the moisture of his (at other times succulent) Body, be drained, and an unquenchable Thirst left upon him; which last Symptome was (at length the reason of his Lordship's coming hither; not by the advice (hardly with the consent) of (some at least of) his Physicians. But his Lordship remembring, that having formerly been at this Place, and by Bathing (or possibly by Drinking bad Wine over Night) he had been very Dry and Thirsty in the Morning, a draught or two of the *Bath-Waters*, would infallibly quench the most importunate Thirst; he proposed and determined of himself, to come hither, which he did in *July 73*, and brought with him Copies of most of the Prescriptions, for those Medicines his Lordship had, from time to time taken, since his first Seisure, and committed them to my perusal, and himself to my Care and Conduct, in the management of these *Waters*, and those Directions he brought down with him. His Lordship's chief Design in coming hither being to quench his Thirst, it was not long before he call'd for the *Waters*; even the same Evening he came in, and so the next Morning, and so on twice a day; two pints of the *Cross-Bath-Water*, (because nearest his

his

Lordships Lodgings) usually in the Morning, and one Pint at four of the Clock in the Afternoon. They did not fail his Lordship in what he expected from them, but in two or three days they manifestly lessened his Drought and inward Heat. But his Lordship still continued to make vast quantities of Water by Pits, it was thin, pale, and Crude, void of any Urinous taste, or smell, they were daily brought to me by a Footman, or set in a Window at his own Lodgings, till I came down to observe them more strictly, whether we got or lost any advantage in colour, quantity, taste, or consistence.

One thing I observed in a Urine of his Lordships, brought at that time to my House, which I thought very unusual, and is perhaps well worth farther Consideration. When the Fit was upon my Lord, he seldom made less than an Urinal full at a time, (and they held more then Pints a piece, some near a quart) there would be several of these sent up in a day, by a Footman, to my House, and I usually let them stand in my Study Window, for some considerable time, to observe what alterations, time would make in it. After two days standing (or thereabout) one of the Urinals had at the top of it (more then an inch deep) an
oily

Oily transparent Substance, like a clear Harts Horn Jelly, manifestly distinguishable from the *Urine* that was under it; it was slimy also, and clung to my Fingers when I touched it. It recall'd to my Remembrance what I had formerly read in some Institutions (particularly *Senertus Lib.I. Chap. IX. De Nutritione, & Augmentatione*) of four degrees of Matter made in the Capillary Vessels, out of the Blood, before it be assimilated to each part, *Humor nino-minatus*, *Ros*, *Gluten* & *Cambium*, and thought that this, possibly, might be some of these Substances wash'd off from the solid Parts, by the Torrent of this Colliquating Distemper, at least the Flower of the Chyle (as Cream is of Milk.) That others have not taken Notice of the same is, perhaps, because they have not had Patience to wait so long, and observe what further appearances would be in *Urines*, if kept some time. But this by the way only. His Lordship's Thirst was in few Days quenched, and the quantities of Water by Degrees abated; and the Medicines prescribed by the *London* Physicians, were sometimes used, and upon emergent Occasions, I corresponded with all, or with one of them (as his Lordship appointed me) and gave an account from time to time, what

what effects the Medicines and *Bath-Waters* had. When he found himself pretty well of that great and formidable Symptome, his Lordship retired sometimes to his House at *Bremmer* (six Miles beyond *Salisbury*), but carryed the Waters with him, and sent for them thither once a Week. He did the same when he went to *Warwick-Castle*, and to *London*. But found not that advantage by them after Carriage, and at a distance, as when drank warm, even at the Nose of the *Pump*, which he commonly did when he was here. Thus doing, he had still longer and longer intervals, between his Pissing Fits, and at length thought himself perfectly Cured, and imputed his Recovery to the *Drinking* of these *Waters*. He finding himself thus freed from this first and great Symptome, came seldomer to this Place, but sent every now and then for the *Waters*, which he now used, to prevent a Relapse only.

In *November 77*, his Lordship being then at *Bremmer*, the Lady Dowager his Mother came thither, intending to spend the *Winter*, and keep her *Christmass* with him. Her Ladyship had, when she came, a Cold only, as they all thought, but her Illness daily increased upon her, so that she fell desperately ill, and in few days Dyed. This
fo

so affrighted the whole Family, that my Lord and Lady, and their necessary attendance, came away immediately hither, not so much to *Drink Waters*, as to be out of the sight of such Melancholy Objects, as must be daily before them, in Embalming, and removing the Corpse of his Lady Mother.

When he came hither, he drank the *Waters* as formerly, more for Alteration then Evacuation; complained not at all of his *Diabetical Distemper*, but now and then of a Giddiness in his Head, which he, and all about him, were apt to ascribe to *Hypochondriack Vapors*, which the Trouble for the Lady Dowager's Death, had increased upon him. But they continuing worse and worse, and being one Day in hazard of falling in the Street, I proposed *Bleeding* to his Lordship; but that having been declared against, by his Physicians in *London*, when he was ill of the *Diabetes*, he refused it, till I had Answer from Sir Thomas Wetherly, and Sir John Micklethwait, to whom he made me write: They at the return of the Post, consenting to it, and referring it to me, it was done, and my Lord was better upon it, and longer free from the *Vertigo*. But at last (about the beginning of *February*, he was suddenly seized, as he

was

was at Supper, with a Faultring of his Speech, but no Giddiness then. Upon this Alarm, a Servant was presently sent a-way Post for Sir *Thomas Witherly*, but he came too late. Dr. *Mayo* (being then living in this Town) was presently call'd in to joyn with me; and Dr. *Feilding* was sent for to *Gloucester*, who came the second Day after this Seizure. He was let Blood again in the Arm; Bleeding in the Jugular was proposed and urged; but refused (*Ceph'alicks*, and *Antiepilepticks* were given, *Glysters* and *Gargarisms* were used, and *Blysters* applyed; but on the Fourth Day, about Seven in the Morning, after he had had an indifferent good Night, and his Speech seemed to be considerably amended, he was suddenly seized with a violent Convulsion Fit, which wreathed him every way, and lasted half an hour or more. He was not sensible of any thing that was said or done about him, after it left tugging of him; nor ever after that first violent Fit. But the Convulsions returning every half Hour or sooner, and growing still more violent, he at length dyed in the Tenth Fit, and about Eleven of the Clock, to the great Grief of his Family, and this whole City, where he was by every Body, deservedly Honoured and Beloved.

The manner of his Lordship's Death, I have been the more particular in, that it may be known, that he dyed not of the *Diabetes* (as was reported, and believed) but of strong *Convulsions*.

O B S E R V. II.

John Peacock a *Londoner*, aged Eighteen, a well grown Young Man, come hither in *April 75*; after he had gone through several Courses, by the Directions of several Physicians in *London*. Amongst other Complaints, he made (when I was sent for to him) the chief was, that he made much more *Water* than he drank *Beer*, or took liquid Meats; and that by this frequent and large Evacuation, he fell away in his *Flesh*, grew weak, and faint, and could get no liquor that would quench his Thirst. I quickly put him upon the *Bath-waters*, which in little time had the same Effect, as in the preceeding Observation they took off his Thirst, abated the excessive quantity of his *Urine*, and recovered his *Stomach*, and some *Strength*, insomuch that in a little time and perhaps too soon, and with half his Errand) he returned Back, but what became of him afterwards, I never heard.

OBSERV. III.

Sir Thomas Fowles, a Goldsmith in Fleet-street London, a Banker of great Credit and Reputation, finding himself falling into this Disease, came hither purposely to drink these *Waters*, very early in the Year 92. He came the 25th. of *March*, and stay'd all *April*, and some part of *May*. What brought him was, his often making greater quantities of pale, crude, and tasteless Water, then all the liquid things he took amounted to; he had wholly lost his Stomach, fell away in his Flesh, and withal, by Fits had violent Pains and Torture in his Bowels. He had, I think, (before he came to drink them here) sent for these *Waters* home, and tryed them there, but to little purpose, which too many to this day doe, to their injury and the disreputation of the *Waters*, for they have not, and cannot have, that efficacy and Virtue at any (though a far less) distance, as they have upon the place, which many have (and amongst others, this Gentleman) found very true: for he in the first Month, found so much Advantage by them here, as to recover an Appetite, to have Ease from his Gripes, to recover Spirits, and Vigour, and by Degrees, those pissing
Fits

Fits lessened, and at length wholly ceased, and after five or six Weeks stay, thought himself so well as to return home, and there continued free from the great Symptoms till *August*, when he came the second time to confirm what he had got in the Spring, and the better to secure him (as he hoped) against the injuries of the approaching Winter, but stayed not then so long as at first, yet went home free from those great Complaints of which he was mostly apprehensive, and held so a considerable time.

But in *November* following (by what error or Accident I know not) the *Diabetes* returned violently upon him, and continued with that severity, that in a little time it drayned off all the *Lympha*, which rendred the remaining Blood too gross to Circulate; so that the mean while ceasing its motion, the *Automaton* left moving, and the whole Machine became useless.

This account of the time of his Death I had from his own Brother, and Nephew (who now keeps on his Employment in the same Shop his Uncle lived in) *Summer 95*, they then being here at the Bath.

C H A P. VI.

Cachexies.

PRecedanious to the *Dropsie*, are all *Cachexies*; inveterate *Obstructions* of *Spleen*, *Liver*, *Mesentery*, *Pancreas*, and *Scirrhus Tumors*; yellow and black *Faundice* (vulgarly call'd Black, though I think that to be but an Augmentation to the Yellow.) These therefore may not be unfitly the subject of this Sixth Chapter; for in all these Cases also, the *Bath-Waters* have been (with other means) very instrumental to great Recoveries. I shall give a few instances upon each, and so proceed to the Distemper of the Stomach.

O B S E R V. I.

Mr. *Thomas Byron*, Junior, Master of Arts, and Minister of *Froster* in *Glocestershire*, aged 33 an ingenious Man, and one whose Misfortune it was to be accounted good Company, and his was therefore very often desired, and that (with his good

Nature

Nature) engaged him sometimes, (perhaps too frequently) in what was bad Company. This brought upon him a very ill Habit of Body. He was Pale and Colorless (or rather discoloured) Faint, and Short-breath'd; had neither Appetite nor Digestion, Sower and Bitter Belchings, and frequent Vomitings, especially Mornings; a constant Cough, and swell'd Leggs.

In this Condition his careful and kind Father, (Mr. *Thomas Byrton* Senior, School-master of *Wotton-under-edge*, my old Friend; and Fellow Collegiate in *Lincoln Colledge* in *Oxford*) sent him hither, and with him a Letter to me, and a Fee enclosed, desiring my utmost endeavours for the recovery of his Son, which was very dear to him. But he meeting here with a Knight of his Acquaintance, he perswaded him that an Apothecary would do as well, and therefore his Father's Letter was not delivered, but he submitted himself to the Apothecaries Directions, and went on with them for three Weeks or a Month, but finding (in that time) no alteration to the better, but rather to the worse: he be-thought himself, and sent for me, *June* 7th. 1688. he then deliver'd the Letter, and made some excuse for delaying it so long, expressing no small Trouble, that he

had been dissuaded from doing it sooner. After due Preparation (for I found the Apothecary had done little towards it) I put him upon drinking of the *Waters*, which (with some *Deoppilatives*, *Alteratives*, and *Antiscorbuticks*, effectually did his Business, for that in three Weeks time, I sent him home (with some Directions) to his Father, freed from his Cough and Vomiting, his Swellings abated, and his Stomach returned, for which he afterwards gave me very many Thanks, and the Son continued well several Years after. What he at length dyed of, I cannot well say, but I have heard that he is since dead, to his Father's great Trouble.

He had with the above-mentioned Symptoms hardness in the *Abdomen*, and Bathing intermixed with drinking these *Waters*, contributes a great deal to the softening of them, and even of *Schirrous Tumors* themselves, as will appear by the two following Observations.

OBSERV. II.

Mrs. *Astry*, then (since Lady *Astry*), and yet Wife to Sir *Samuel Astry* of *Henbury* in *Glocestershire*, three Miles from *Bristol*, about three or four and Twenty years of Age, Breeding her second Child, about five

five or six Weeks after Conception, was seized with a Fit of Sickness, in which (among other Symptoms) she had violent Collick Pains and Vomitings, (perhaps a *Cholera Morbus*) which held her six or seven days together, in which time she became as yellow as Saffron, and from which time, once in a Fortnight, Three Weeks or a Month, (five Weeks when longest delayed) she had returns of the like Fits, which usually held six Hours; one Fit (about a Fortnight before her Delivery) held her a Day and a Night. In her Delivery she was well, and nine Days after, but then had a Fit as before, and three Weeks after that another, and then with that Violence, that she fell into Convulsions, and talked at random. After that she had two in a Fortnights time. At the coming of a Fit she would be very cold, but hot and fainty at the going of it off, and itching all over her Body, the yellowness holding all this time. From the beginning of this illness, she had the advice of Dr. Collins, and Dr. Denham (two Bristol Physicians of good Reputation) who prescribed what they thought safe, and fit for her, in her Breeding Circumstances; giving her hopes, that after her Delivery, a more effectual Course might be taken, which was not safe then

to be attempted, least it should injure her, or her Child, or both.

She staid till that time was over, and sending again to one, or both of them, there were sent (as he thought at least) the same Medicines again, of which she had formerly taken. Being dissatisfyed at this, she sent her Maid to me, in November 69, with the account above-mentioned, and her Water (a usual Compliment in this Country) by which it was easie to discover an inveterate Jaundice, for it was like so much Gall, Blood and Dirt mixed together. Her Servant had told me that she had but lately (I think the day before) so violent a Fit, and high Convulsions with it, that they all thought she would have dyed in it. I therefore sent back by her, an *Antiepileptick Fulep*, and some *Anodynes*; bidding her to tell her Mistress that it would not be for her Advantage, nor my Reputation; to prescribe a Course of *Physick*, suitable to such a *Disease*, barely upon the sight of a *Water*, or upon a Verbal account only (especially since she had been so long under the Directions of two Physicians already) but if she would send for me, I should then do my utmost for her Recovery.

This, in few days after she did, and when I came to her, and trying the *Hypochondria*, I found (besides what the Maid had told me) hard Tumors upon the Region of the Liver, and the yellowness of her Skin, turned almost to green, and under her Eyes black. I looked upon the Case very doubtful, but depending upon her Youth and Courage, (for she had enough of both to assist Remedies) I told her that if she would come over to Bath, and make some stay, I had hopes to be an instrument of her Recovery. She consented to it, and in few days came hither. I Vomited and Purged her, put her upon drinking of the *Waters*, gave her opening *Apozemes*, and *Chalybeat Pills*, *Anticackticks* mixt with *Hystericks* and *Antiepilepticks*, and at length (when the great Fits were a little master'd) permitted her to Bath also, as late as it was in the Year. This last helped greatly to take away the discolour of the Skin, as well as the hardness of her Liver. Business call'd her away sooner then I would, but taking *Medicines* home with her, and entring upon an *Aperitive* course early in the Spring, perfected her Recovery, and she hath had Sons and Daughters since, and never was attempted with a return of that Distemper,

and is alive (for ought I have heard, to this very time.

OBSERV. III.

Much like to this Case, was that of the Lady Viscountess *Mardant*, who came hither in *April 78*. Her Ladyship had also hard uneven Tumors, on both sides of the *Abdomen*, but chiefly on the right, and a tenderness on the left, (The Region of the *Spleen*.) Her Ladyship had had Colick Pains, and would (by Fits) discharge (upwards and downwards) sharp, green, and yellow Choler, which would stayn a Silver Bason as if Mercury had been mixed with it; so exceeding Corrosive it was, that it gave her violent Pains sometimes, and always uneasiness.

The drinking these *Waters* diluting this sharp Humor, gave her Ladyship a great deal of ease; and bathing between whiles in the *Cross-Bath*, contributed very much to the mollifying the hardness in the *Abdomen*, and removed the tenderness on the left Side, so that she was in every respect, greatly advantaged by what she did here.

OBSERV. IV.

James Dewy Esq. well known formerly in *London*, by the name of *Justice Dewy*, but removing from thence into the *Country*, for his *Grand-son's* sake (*Mr. Bulkely*) lived at *Fordenbridge* in *Hampshire*, and was a near Neighbour to the now *Lord and Lady Brook*, when they lived at *Bremmer*. Both my *Lord and Lady* had long experienced the efficacy of these *Waters*, having been here several Years following, purposely to drink them, and most of those times I have had the Honour to lodge them in my House. Their Honours kindness to him, and to me, recommended him to the *Bath-waters*, and to my Care. He came hither very early in the Year, viz. the latter end of *February*, 1693, in the Sixtieth Year of his age. He came so soon, fearing if he had stayed longer, that he should not have had Strength to have born the Journey, finding himself to decay so fast. He happened to have good Weather, and bore the journey better then he expected. His great Complaints were (besides the yellowness of his Skin, which was obvious to every ones view, and was more apparent to those that had formerly known

known him, being of a Complexion, very fair and clear Skinned) Weakness, Fayntness, and decay of Spirits, shaking in his Hands, Pain in his Lymbs, (especially in the Night,) swelling of his Feet and Ancles, which towards Night, would retain a good while, the print of a Finger, a clammyness of his Mouth, a Draught, and foulness of his Tongue.

He had been for some time, under the Care and Conduct of a worthy Person of our Profession, Dr. *Speede* of *Southampton*, and had but lately taken Purging Physick by his Prescriptions, and therefore had the less need of much Preparation for drinking these *Waters*, which in a few days he began upon. He took at first but two Pints, after that he increased by Degrees, to three and then to two Quarts, and seldom exceeded that quantity. They passed very well with him, both by Stool and Urine, the whole quantity before he drank again, for what past not by Day, seldom failed to come off by Night, after his first Sleep.

However, he was between whiles, purged with *Rhenbarb* and *Calometanos*, and took *Alteratives*, and intermitted now and then, some Days from Drinking the *Waters*. About the middle of his Course he was let Blood, which was not so fizy as it

had been formerly, and had a quantity of *Serum*, but that was tinged very yellow. About the latter end of his Course, he bathed three or four times, to get the yellowness off of his Skin. He had before bathed his *Feet* and *Legs* often in his Chamber at Nights, going to Bed, to get down the Swelling, both which ends were attained by it. He apparently (under all this) got Vigour and Strength, a clearer Countenance, and a better Habit of Body; and thus returned to his own Home, after two Months stay here. He came again May, 93, to confirm, and improve what he had got the Year before, and stay'd much about the same time, with manifest Advantage, in all respects, which I suppose, he yet continues to have, because he returns not again to the same means, by which he found so much good.

OBSERV. V.

Whilst I am looking over my Copy, to send it Sheet by Sheet to the Press, there happens a considerable Observation in a Collick Case, with the *Faundice*, which I think well worth the inserting here. It is of *Michael Harvey* of *Clifton*, in the County of *Dorset*, Esq; more then 60 Years of Age.

He was (for many Years past) subject to the *Gout*, but by favourable returns, at a year, or more then a years distance, in one of those Fits, about 15 Years ago, he turn'd yellow, and took Medicines for the *Faundice*, by Dr. *Thomas Cox's* Prescriptions. In April last he was seized with a violent Pain in his Stomach, which kind of Pain he formerly had also, by Fits, but was now more then ordinarily ill and fainty, and the *Faundice* presently appeared in his Water, but not in his Eyes, Face and Skin, till about a Month after. He applyed himself to Dr. *Rackliff*, who put him upon several Courses for the *Collick* and *Faundice*, by which he had some Advantage, and considerable intervals Between the Fits.

He took also other Medicines by other Advice, but to little purpose, for the Fits still returned upon him.

He was at length, therefore order'd by Dr. *Rackliff*, to drink these *Waters*, in order to which he came to *Bath*, the last day of *August*, 96; but so Weak and Ill, that all that were with him, feared that he would have dyed by the way. The Night after he arrived here, he had a most violent *Collick* Fit, in which he strayned very much to Vomit, all which had rendred him exceeding Weak, Faint, Emaciated and

and Dispirited, loathing almost all Meats and Drinks. He was yellow all over, and fallow under the Eyes. He set presently upon drinking these *Waters* (being in continual Pain, and Stomachless) but at first in small quantities. The third time of taking of them, he voided a Stone by Stool, about the bigness of a Pidgeons Egg, which was but light, considering the Bulk, for it weighed but a Drachm and six Grains, yet measured two Inches, and three quarters the long way, and two Inches, and the fifth part of an Inch the Broad way. It was a little depressed on one side, and somewhat exturberant on the other. It had several small Protuberances all over it, which appeared whiter then the Spaces between, which were of a pale yellow, with some shining Particles interspersed. With this Stone were voided several lesser pieces, of like Colour and Consistence, a *Sabulum*, to the quantity of a spoonful or more.

It is observable that this Gentleman had that Morning a Stool before the Stone came off, as white as (and like to) a *Tobacco-pipe-clay*, but the Stool that came with, and after, the Stone was as yellow as Saffron. He was presently upon the voiding of it, more at ease; he recover'd by degrees, his

Ap-

Appetite, and Digestion; his Colour mends, his Strength increaseth by it. He goes on *drinking the Waters*, whilst I write this in his own Lodging, and this one and twentieth day from his beginning to take them. He walks abroad and gives visits, eats heartily, and sleeps well, and is very likely by this means to perfect his Recovery.

OBSERV. VI.

The Case I am now about to describe had so many, and great Symptomes complicated, that I stood a while dubious to what Head most properly to refer it. But at length finding the *Cachexie* to be the last and greatest of them, I have made it one of this sixth Chapter.

It is the Case of *George Long Esq;* of *Downside*, in the Parish of *Shepton-Mallet*, in the County of *Somerset*; three Miles Eastward of *Wells*. His great and wonderful Recovery by the use of these *Waters*, hath been long since made publick, I shall not therefore need to repeat a great deal of his long and painful Sickneſs.

It is more then Twenty Years ago, that I was first Physician to him, his Lady and Family, and its almost so long ago, that he was first assaulted with the Gout, and I find

find in some of my Papers, that more then sixteen years ago; I prescribed Medicines for him, for sharpness of *Urine*, *Stone* and *Gravil*; as well as *Antiarthritick* Remedies, for he seldom had a Fit of the *Gout*, without that of the *Stone* also, and both frequently seized him. But in the Year 88 and 89, and so forwards, for two or three Years together, he was seldome free from great Pains, which were diffused all over his Body, from part to part, from Joynt to Joynt, where was wedged in, this calculous Matter; that his Finger became crooked, his Right Knee, Hipps and Back motionless. He was so contracted, that he could not be extended in his Bed, much less (if the Pain would have given leave) could he have been set upright. In short, he became (as we call it in this Country) *Bedrid*.

He was lifted in a Sheet from one side of the Bed to the other, and from place to place, not easie without, nor well within: His Thirst importunate, his Appetite and Stomach lost, his Skin shriveled, and discoloured, his Face Meagre, his Hair gray, his Flesh wasted, his Muscles fallen all the Body over; he could have thrown the Calf of his Legg over his Shin-bone. With all this he had a perpetual Sharpness of Urine,

nay all the Juices in his Body, had such a
 propensity to Lapidescency, that his *Waters*
 being left (but a few days) in a crooked
 Bed-Urinal, it was crufted at the sides and
 top, as thick as a Half-Crown, with a por-
 rous kind of Stone, like that of a *Prunella*.
 In this Condition, he was with difficulty
 brought to *Bath*, April 91. He began with
 drinking the *Waters*, hot in the Morning
 from the *Pump*, at Meals cold, (for he
 drank not then, nor hath he done since any
Malt Drink.) In a Weeks time his Thirst a-
 bated, and the sharpness of Urine lessened,
 his Stomach began to return. After a
 Month's Drinking, he bathed between
 whiles, which much eased his Pains. He
 could in the *Bath*, suffer his Leggs to be
 distended a little. About the end of *May*,
 he returned Home with this begun Advan-
 tage, but carryed the *Waters* with him, and
 constantly sent for them. About the end
 of *August* he came hither again, and stay'd
 six Weeks or two Months, Drinking and
 Bathing as before. In the mean time he
 gathered some Flesh and Strength, and some
 small Ability to go, though Cripplishly.
 In *November* following, his Gray Hairs be-
 gan to fall off, and new ones succeeded, he
 says more, that some of the Gray ones re-
 turned again to their Colour, which way e-

yet it was, by *Candlemas* he had few or no Gray Hairs left, but a good Head of soft brown Hair, such as he had when he was about Five or Six and Twenty, which grew so fast, that he cut more then an Inch, every Month or Five Weeks. Even now (bating a little Baldness upon the Crown, for he is on the wrong side of Fifty) it looks like a Border of Hair, which I have seen formerly worn, before whole Heads were so much in use. To perfect this so well begun Recovery, he took a House and lived here for the most part of the year 92, about which time his Toe-Nails which were hard, ragged and scaly, began to be thrust off by new and smooth ones; his Arms and Hands recovered Strength; he had much freer motion of his Joynts, his Muscles plump; he was daily more and more erect, and every Bathing stretched him half an Inch. He hath now a Fleshy, Hale, habit of Body, a vigorous Eye; and a Ruddy, Plump, Youthful Face, (especially when he mixes *Sherry* with his Water, which he will sometimes do.)

In fine, he hath had no Fit of the Gout to lay him up long together, nor the least touch of the Stone, or Sharpness of Urine, since he left of Malt-Drink, and made these Waters his constant Beverage. It is pity

to leave out one material Circumstance.. An Unbelieving Knight, that knew him well before, hearing of this miraculous Recovery, came purposely to his House to examine the Truth of it; with his own Eyes he soon might have seen it, but would not Credit it till he had asked his Lady, whether she found him grown young again? She modestly (and sharply enough) answer'd, I believe if I were dead, he would marry again.

Though all this is manifestly known to be true, yet little or nothing of it is believed by the Advocates for other Mineral Waters, who envy, and would eclips the Reputation of these. Nay their industrious Reports have kill'd him several times, and many Letters have been sent (some to me) to know the Truth of it. Nay I have been forced to shew him to some (Ladys especially) to convince them; to which (I thank him) he hath not been unwilling to consent.

To save the Charge of more such Post Letters, and to cure this incredulity (as well as to serve his Country) he was likely to have been sent up, to serve in Parliament for this City.

He is able enough to bear the Trouble of attending the Business of the House, nor was there any reason to fear that the *Bath-Waters* would have lost their Reputation, if he should have dyed there, though both these things were objected, in a Letter from some that would have had another chosen. To evince the first, it was scarce two Months before the time of Election, that he rode from *Bath* to *Oxford* in a Day, which is 48 computed Myles, and above 50 measured ones; and but few days before that, went from hence to his own House, (which is 12 or 14 Myles) after twelve a Clock at Night, went to Bed for two or three Hours, rose again, and dispatch'd a great deal of Business before Dinner.

And for the second, those Gentlemen that (for their own ends) pretend so much Kindness to, and concern for the Reputation of these Waters, may know (even by some of the foregoing, and following Observations) that the Credit of them is not to determine with *Mr. Long's* Life. For though they have wrought a very exemplary Cure upon him, yet I hope they do not expect, that they should make him (or any Body else) immortal, or invulnerable, or not lyable to other Accidents, common to

Humanity. But weak Arguments seem strong to those that are willing they should persuade, at least when they are urged to such whom they think easie to be persuaded. In short, Mr. Long is alive, and very well, and not only keeps the Strength he hath got, but improves it daily.

OBSERV. VII.

The next and last instance upon this Head, is an ill Habit of Body, and general Weakness, joyned with an intermitting Feaver (a *Tertian*) a short Cough; an emaciated Body and languid Spirits, and all this after a *Rheumatism*, in which the Pains were so great, all her *Lymbs* so weak, and her Strength so decay'd, that she was forced for a long time, to be lifted from place to place, and even then ready to faint under their Hands. It was Mrs. *Lydia Merefeild*, Widow to Captain *Robert Merefeild* of *Crookbern*, in the County of *Somerset*.

This illness was contracted by Riding many Hours thorough-wet, and after it was Night, it continued upon her some Months, with such violence, that her Life was often despaired of. When the violence of the Pains, and the Feaver were in some measure abated, she was left in the
 Cong

Condition above-mentioned, and had withal, a pale and yellow Countenance, swell'd *Leggs*, and every other Day, a minding of a Feaver and Ague; it began with a little Chill, but was mostly hot and dry. In these Circumstances she was brought to *Bath* the last day of *April* 94. After some Preparatory means, she was first put upon drinking of the *Waters*, which did not presently agree with her, and when they did, it did not quickly appear that she was better. For the first three Weeks or a Month (in which time she bathed but little) she got little Ground, after that it daily appeared that she had not lost her labour. Her Countenance cleared, her Appetite renewed, her Digestion mended, and the swelling of her Legs vanished, and she could not easily recollect when ask'd, which was her ill day? Then was she permitted more frequent Bathings, and longer stay, and she bore it better then at first, by which the remaining Pains of her *Lymbs* ceased, and Strength increased, so that she could go up and down Stairs (which she could hardly do before, by reason of a great weakness in her Knees and Ancles) she could walk the Town, and the Meadows, and at length (about the middle of *June*) returned Home, and hath continued in a

good state of Health ever since, and is now the same chearful Widdow as before.

CHAP. VII.

Diseases of the Stomach.

ACCORDING to our proposed Method, this Chapter ought to treat of the Cure of Diseases incident to the Stomach. Now the Oesophagus being no other then a Funnel, by which Meat and Drink is conveighed into it; it is not improper, I think, to begin with a Distemper incident to that part, that is Difficulty in, or Abolition of Swallowing, for in this Case also we want not some instances of the Efficacy of the Bath-waters.

OBSERV. I.

Mr. Tarburgh, a Gentleman of Fifty Six Years of Age (I think out of Lincoln-shire,) having for many years past been subject to difficulty in Swallowing (especially liquids) came to the Bath, and sent for me July 14. 1680. He had consulted several Physicians before,

before, particularly Dr. Willis, who judged his Case (as he told me) a *Paralysis* of the *Muscles* of the *Oesophagus*; others supposed it a Tumour upon the upper Mouth of the *Stomach*; but upon tryal there appeared no hardness nor extraordinary Distention or Tenderness, upon that Region. But some not satisfied with either of the former causes, ascribed it to a Cold and *Pblegmatick* Distemper of the *Stomach*, and a Scorbutick Matter, sticking to the folds of that part, causing a Convulsive Motion of its own *Fibres*, which drew into consent those of the *Oesophagus* also. What ever was the cause, the effect was, a constant difficulty, sometimes inability to swallow.

Having tryed (as he thought at least) all other means, he at length came hither, to experiment these *Waters*, which I soon put him upon the drinking of, causing him to take at first, some *Stomack Pills* over Night, and the *Waters* next Morning, these *Pills* were continued two or three Nights following, after which he took the *Waters* alone; perhaps sometimes some Drops of *Sal Volatile Oleosum* in them. It was no small difficulty for him at first to swallow a quantity enough to make them pass, but by degrees, that obstacle was removed, so that they at length did very well with him. To-

wards the Conclusion, we put him into the *Bath*, only to have his Stomach and Neck pumped upon ; but with a Defensative to his *Kidneys* for he was subject to the Stone.

He went away very much advantaged, and I never heard to the contrary, but that he continued so.

OBSERV. II.

Mrs. *Mary Kirby* of *Bishops-waltham* in the County of *Southampton*, Aged 40, having (some years past) a *Scarlet Fever*, and being put into a Sweat, took cold upon it, and had upon that Cold, a sudden defluxion of cold Rheume to her *Throat*, which was like to have suffocated her, and from that time had a more than ordinary streightness there, and some difficulty in Swallowing; but two or three Years after, having a sudden and violent *Hæmorrhage* from both *Nostrils*, it was stopped by applying cloaths dipped in Cold Water to the Throat, and Nape of the Neck. She had often returns of this Bleeding, which would quickly be stopped by this Application, and putting her Hands into cold Water.

But in *March 93*, falling a Bleeding in the Night, and those accustomed Remedies failing her, she was let Blood to a great quantity, upon which loss of Blood, both by the Disease and Remedy, her Swallow was wholly stopped (and she thought that to be the cause) which lasted for some time.

She could chew her Meat, and with her Tongue, thrust it back to the top of the Gullet, but down it would not go, till thrust down with her Finger, which she told me she have been often forced to do, to prevent Starving. She came hither in *May 94*, and consulted me, being recommended to me by my very good Friend Dr. *Perrin* of that Country. When she first came, she could hardly swallow the *Waters* by Spoonfuls, but afterwards could drink half a pint at a Draught, and three Pints or more in a Morning. After a Months Drinking, I advised pumping of her Neck and Throat, which could not be done without going into the *Bath*, which I apprehended a hazard from, least it should put her again upon Bleeding at the Nose. But it was so ordered, that by staying there no longer then to be Pumped, and then coming immediately out, she escaped that hazard, and after six or seven Weeks stay,

went home so well (and continued to most part of the following Winter) that she came again in Summer 95, and Drank and Pumped as the Year before, and had no small Addition to her former Benefit.

OBSERV. III.

I wish I could have said the same of a Person of very great Quality, and one that is in a Post of great Concern to the Government of the Nation. I have not leave to name him, and therefore omit it, but his Lordship came hither almost in the same Condition with the two former, in July 93, when I had the Honour (as I had more then Twenty Years before) of attending his Lordship as his Physician. The Case indeed was very odd and long continued, and had puzzled most of the Eminent Physicians of the Nation. His free Swallowing would be interrupted sometimes for a Week, Ten Days, or more together, even Liquids, as well as Solid Meats, would not go down, and when seemingly pretty well; it would surprize him on a sudden, whilst he was eating or Drinking, so that he was forced to give over for a time. Those Stoppages lessened something then by Drinking these Waters,

insomuch, that his Lordship declared that he thought if he could stay two or three Months they might advantage him. But the publick affairs wanting his Assistance, he was sent for by that time he had been here three Weeks. To supply which defect, the Waters were weekly sent up after him, by his Lordship's Order, what effects they had at that distance from the Fountain, I have not had the advantage to know.

Having done with the *Gullet*, we come to the *Stomach* it self, the chief Illnesses of which are violent *Pains*, *Vomitings*, loss of *Appetite*, weakness of Digestion, and exorbitant *Thirsts*, of all which I shall give some few Instances, and so proceed to the Distempers of the *Kidneys* and *Urinary Passages*, and *Spermatick Vessels*, and so Conclude.

OBSERV. IV.

These Stomach Pains have obtained several Names, as *Cardialgia*, *Attritio Ventriculi* (so *Sennerius* in his Third Book, Part I. Sect. II. Chap. XV. *De Dolore & Axiestate Ventriculi*) and of late, they have by some been called *Hysterick Collicks*. Of this I had a sad and long continued Instance in my own Wife, who for many Years together was greatly afflicted with it.

it by Fits, to a more then ordinary Degree. She was naturally subject to a Consumption, of which no less then five of her near Relations dyed in two or three Years time; two Brothers, two Sisters, and a Sisters Daughter were taken off by it, but those at different Ages, and she her self once after I was Married to her so far gone in it, as to spit Blood. This sharp and Corrosive Humor, being by the use of Means removed from the pectoral Parts, after a while it began to exercise its Tyranny upon the Mouth of the Stomach, a very sensible part, by reason of the *Plexus Nervorum*, that it hath from the *Par vagum* (Dr. Willis's Eighth pair) there interwoven.

In these extremities, she had not only my own Advice, but the Concurrent Assistances of what other Physicians were upon the Place, and all of Note, that came hither with Persons of Quality, at the Bathing Seasons. The Court was at my House twice or thrice, whilst she lay lyable to the returns of those Payns; and those Eminent Physicians that attended the King or Queen, denyed me not their joynt Advice, yet maugre all those several Courses she had (by them and me) been put upon, and had diligently gone through with,

at some Months distances she was still assaulted with it. I at length proposed to her the Drinking of these *Waters*, which indeed were not then so much in use as they are now (for it was many Years before she dyed.) She took this proposal of mine very ill; thinking that I had abandoned the concern of her Ease, Health and Life, to any slight pretended Remedies, that came first to my Thoughts.

When I perceived that I told her, that she had already run so many Courses, and took such variety of Remedies, without a perfect Recovery, that there seemed something remaining, but the drinking of some *Mineral Waters*, and if she chose rather to go to some others, she should be forwarded in it; but why she should not try the first, I did not know, they being upon these place, and Experience having been sufficiently had of them, in correcting sharp Humors, though not perhaps in her very Case. This took off the resentment of my supposed Slight, and after Preparation, she began upon them, and went on with them, with that success, that in a little time, she began to be at ease, and was at length wholly freed from those Pains, and recovered her lost Appetite, gathered Flesh and Strength, and continued free from their

returns longer then after any course of Physick she had taken before, so that we heard no more of her going to *Epsham* or *Tunbridge*; but after this, when ever she found any little previous dispositions to that illness she would (of her self) begin again with her Preparatory Physick and *Waters*, at any time of the Year, and continue them longer, or less while, as she found convenient. At Spring and Fall, for prevention, she usually took them three Weeks or a Month.

This Recovery of hers, caused many in the like case to come hither, who also had no worse success; to enumerate them all would be too tedious, and unbecoming a Work, that is intended only as a *Breviate*. Thus she continued several Years to do, till at length the sharp Matter gathering head again (and she in a declining Age, on the worst side of Sixty) fell severely on the lower Bowels, and corrupted the Parts, and became an inward Ulcer, which after Twenty Months, sharp and lingering Pains, and extream Weakness, confining her to her Chamber, and Bed; she dyed (in the Sixty Seventh Year of her Age, and after our Thirty Seven Years, inter Marriage) May 23^d. 1688.

O B S E R V. V.

Mr. Collins Woolrich, an able and diligent Apothecary in Shrewsbury, upon the 9th. of September 83, about Six of the Clock in the Evening, was seized with torturing Pains in his Stomach, Bowels and Back, successively, for the space of Ten Hours, and then ceased of a sudden. The next Night it began and ended as before; and so day after Day, from Six at Night till four in the Morning, until May following, when the warmth of the Season relieving him, he continued free till September following, 1684, when they began again as the Year before, and so Year after Year (except 86) for Seven or Eight Months together, during which time he was necessitated to Vomit, about an Hour and half after Eating, not being able to retain it any longer, and during the whole Paroxysme of Ten Hours, had often Motions to Vomit, all which reduced him to great Weakness.

In the Year 1688, his Tortures continued till June, that used to determine in May, but then abstaining from all fermented Liquors, and drinking nothing but Milk and Water, the Pains ceased, but the Vomiting

miting continued, and by this time he became much Emaciated, Languid and Dispirited. His two very good Friends, as well as Learned Physicians, who had all along assisted him with their Advice. Dr. *Hollins*, and Dr. *Fowke*, then advised him to these *Waters*, and recommended him to me, and to Dr. *Baynard*, to assist and direct him in the use of them, which we soon put him upon the Drinking of, he being by them sufficiently prepared before. The Sixth Morning in drinking of them, he perceived a sudden and manifest removal of a load from his Stomach, into his lower Bowels, and presently had a large discharge by Stool; and from that time had neither Pains nor Vomitings, yet kept on drinking the *Waters* for a Month at least. He kept free from any return of this illness till 91, when finding some dispositions to it, he came hither again in *August*, and drank them with the same success; for they returned not again till *September* 93, when he came hither again, and was relieved the third time.

He hath been here the two past Seasons for prevention, and is resolv'd to continue so to do, one Month in every *Autumn*, as long as it shall please God to grant him Opportunity, and Health to repair hither.

This

This account I had (almost *Verbatim*) under his own Hand, when he was here this last Season, 1695.

O B S E R V. VI.

Sir Willoughby Aston, of Aston, in the County of Chester, Baronet, having some Years before been here, and experienced the Efficacy of *Bathing*, came in September, 1690, purposely to drink these *Waters*. He was violently seized some Months before with this *Cardialgia* or *Attritio Ventriculi*, and finding no relief by what he took in the Country, went up to London purposely to take advice, and to use means there. Whom he consulted I cannot well remember, but whoever it was, he sent him away presently to Tunbridge, as the most proper Remedy, and hastened him thither, because the Season for drinking those cold *Waters* was drawing off. According to his Directions, he began the drinking of them, and went on some time with them; but instead of easing his Pain, they increased it, and with the Pain he seemed to be inwardly convulsed, so that after a Week or Ten Days Tryal, he was forced to give them over. Then considering with himself, that if *Waters* must be his Remedy, the

warm ones were likelyest to do it, especially it being late in the Year. He immediately took a Resolution, and withal a Coach, and came directly hither. He came into my House the Twelfth of September, 1690.

He had been very ill all the way down; his Torture was so great, that he was forced to take *Anodynes*, and those frequently. We lost no time, we had none to spare; I ordered him the first Night a *Stomach-Pill*, with some Drops of *Ol-succini* (of which he took a Scruple going to Bed) and one Grain of *Laudanum Londinense*; next Morning he Drank Three Pints of the *Bath-Water*, which after a while, was increased to Two Quarts, or more by Degrees. He went on thus to do, and in a Week had manifest abatement of his Pains, and in a Month was perfectly well. About the latter end of that time, he sometimes Bathed and Pumped his Stomach, which was done, designing by it, to strengthen it, being greatly Weakned by the violence of the Pains and Convulsions.

This perfectly recovered him, and he held well, free from these tormenting Symptoms, all the next Year, but for Prevention, came again in 92, and drank the *Waters* another Month.

OBSERV. VII.

Sir *James Rushot*, being very ill, in the like Case, and then a Member of Parliament, and by reason of this Pain and Illness, not able any longer to attend the Service of the House, obtained leave to come to the Bath for his Health, and immediately he and his Family came hither, in November, 1690, and stay'd most part of the Winter. Besides the violent *Stomach Payns*, he complained of sowre Corroding Eructations, which he himself would compare to *Vinegar*, *Oyl of Vitriol*, and *Aqua-fortis*. It was a long time that he had been troubled with it, and much means had been taken for it; at length he resolv'd to try the utmost, what these *Waters* would do towards his Relief, and in order to a sufficient Tryal, he determin'd a considerable stay. He brought Directions or Medicines, or both with him, and went on upon them some time before I was sent for. The *Waters* pass'd well enough with him, and some allay of his Pains he had, but about the middle of *December*, after he had Drank them about Three Weeks, the *Waters* which formerly pass'd (as with most they do) chiefly by *Urine*, began

A 2 2

now

now to discharge themselves (and with them great quantities of adust Choler) by Stool, which made him, his Lady and Family, very Sollicitous about it. I encouraged them to hopewell from it, judging it to be that Vitriolick Matter that corroded his Stomach, moved downwards by the Waters, into his Bowels, and this (by its Acrimony) to have occasioned the Looseness. The reason that prevailed with me to think so was, that from the time that this *Diarrhea* began, the Pains of his Stomach, and the sowre Belchings began to abate, and lessened more and more, as the Looseness increased. This satisfied for a while, but at length some small streaks of Blood appearing in some of his Stools, and he being Faint and Dispirited, by frequent Evacuations, and himself apt to be apprehensive, they all concluded it to be the Bloody Flux, and sent (in all haste) to Oxford, for Dr. Gibbons, that had formerly been his Physician; but by that time he came, the sharp Matter was in some measure spent, and with his joynt Advice, it was at length wholly stay'd, and he freed from his Stomack Pains also.

He withal recovered his Appetite and Strength, by Degrees, and in *January* following, went hence freed from the Complaints

plaints he brought down with him) to his House on the Borders of *Warstershire*. He was here again in *June 92*, in much better Circumstances.

O B S E R V. VIII.

Collonel Talmidge (a person of known Courage and Conduct, afterwards Lieutenant General *Talmidge*, in the unhappy Expedition against *Brest*, where he received a Shot, of which he afterwards dyed, deservedly pityed and lamented) in *June, 1683*, and in the Thirty Seventh Year of his Age, came to drink these Waters, for a Griping Pain his Stomach and Bowels, caused (as he related to me, when he first sent for me to him) by taking a Dose of Pills, by a Chyrurgion's Prescription, wherein was *Mercury* ill prepared, from the time of his taking them, (which was some Months before) he had more or less of those Gripes, in some part or other of his lower Belly. He was averse to the swallowing of Pills, (perhaps for that reason) and therefore took some Spoonfuls of *Tinctura Sacra* before his Waters, which enclined them to pass the more by Siege. This was continued two or three Days, afterwards he drank Waters alone, and continued them

a Fortnight or three Weeks, and then (for some Pain in his Lymbs, and a desire he had to be put into a sweat) went sometimes into the Bath, and tryed the Pump to his Stomach also, but for the most part, drank the Waters, and ascribed his Relief chiefly to them.

OBSERV. IX.

Mrs. Farrer, a Gentlewoman from Norwich, Aged Thirty, had been a long while afflicted with these Stomach Pains.

After the tryal of much means at home, and (if I mistake not) some in London also, at least in her way hither, she came to drink these Waters in May 93, and sent for me to assist her in it, with my Advice, in preparation for them, and manner of using of them. I presently set her upon them (finding that she had taken Vomits and Purges before) ordering only a couple of Stomach Pills over Night, and drinking Three Pints of the King's Bath-Water, hot from the Pump next Morning. The Pills were continued Three Nights, after which she went on with the Waters alone, but enlarging the quantity by degrees, to four our five Pints; when the Waters gave her not a stool or two, the Pills were

were (now and then) repeated. After a considerable times Drinking, she Bathed sometimes in a moderate Bath, (the *Queens* or *Cross-Bath*) and had her *Stomach* Pumped, and was at length, sent away so well, that she continued free from those violent Pains all the following Winter, and Spring; and yet returned hither again the Summer following; to confirm the Ease and Health she had before got.

Very many more instances of these *Hysterick Collicks* here Cured, chiefly by *Water-Drinking*, and pumping upon the *Stomach* (if nothing contraindicate) might be added, but for Brevity Sake, are omitted; and we now come to Distempers of the *Stomach*, that had not so violent Pains, but more Weakness and Indigestion, and want of *Appetite*, and frequent Vomiting, of which I shall give a few (but considerable) Instances, and so dismiss this Subject.

OBSERV. X.

Sir *William Clark* of *Oxfordshire*, (a Captain of Horse, in the Lord *Colchester's* Regiment) by Colds, and lying in the Field, the foroging Campaign in *Flanders*, and perhaps not keeping a very regu-

far Diet, and other Enormities incident to a Souldier's Life; had wholly lost his Stomach, so that he could hardly endure the Sight, much less endure the taste of Meat. Drink he would like, sometimes too well. With this ill Dyet, and loss of Appetite, he had a tendency to a *Cachexie*, looked yellow in the Face, Vomited Mornings, was Tyrie and Fainty, and subject to a *Diarrhea*. He complained always (more or less) of a Pain in his Left Side. For besides that, he had been greatly *Splenetic*, he had been run through on that Side in a Duel. His Spirits being low, and he so faint, and (as is said) apt to reach and strain to Vomit, (though little or nothing came up) especially in a Morning; when he met with any Company (which by the way, he was not very apt to avoid) he chose Sack for his Liquor, rather than any other Wine, which heated and inflam'd him, and (in short) all these things together, had spoiled a good Habit of Body, and left him (in his own, and every Body's Opinion) in a declining Condition.

In this State he came to Bath in April 93, willing to be well, but very unwilling to take Physick; nor could I quickly perswade him to begin upon the *Waters*, and when I did prevail, I could get him to

take

take but three Half-pint Glasses at first. But finding some advantage by this small quantity, he at length increased it to three Pints, and after that to four, where he stuck, and continu'd them a considerable time. He bathed also sometimes, but drank most, by both (and by some little means he could now and then be perswaded to) he recovered to a wonder. His strainings to Vomit ceased, his Looseness was stopped, his Appetite restored, he could eat *Mutton*, as well as drink *Sack*, his Complexion was cleared, and that old Pain of his Left Side much abated. He stay'd till *June*, then went away for a time, and returned again in the latter part of the *Summer*, fuller and fresher than he went away. He drank again the *Waters* this second time, for ten Days or a Fortnight, and so concluded this Campaign here, with more advantage (in point of Health) than that, the Year before in *Flanders*.

OBSERV. XI.

The Reverend Mr. *James Ellisby*, Minister of *Chiswick*, few Miles from *London*, came down very Faint, Weak, and Stomachless, about the middle of *April*, 1690.

His

His chief Complaints were, decay of Spirits, and Strength, (chiefly in his Back.) The Remedies he had taken, he thought took off his Stomach, for he could digest nothing, all things that he eat, came up again; he was withal in great Pain, so that he could not sleep at Night, nor was he at ease by Day, in any posture, whether Sitting, Walking, Standing or Lying. At length the *Faundice* appeared by the yellowness of his Skin, and the Whites of his Eyes. Under these weak Circumstances he came hither, as is above said, and was so faint and tyrie, and enfeebled, that he contented himself with a small Chamber, not being able to go up another pair of Stairs, to a larger and better Room.

He applyed himself to me for Advice, and (after some Preparation, what he needed, and could well bear) I put him upon drinking these *Waters*, *Bathing* not being at all likely to agree with him, nor did he, as I remember, once bath at all. It was more then a Week, or Ten Days, before he could discover the least Alteration to the better, but at length, the Water passing well, opened his Body (which was apt to be costive before) cleared the Passages, restored his Stomach, and abated his Pains, by which he was enabled to Sleep,
Eat,

Eat, and Digest, (and consequently to get Strength, which he did in every part, but his Back, where some Weakness, more or less, hath still continued.) He came a second time the same Year, about *August*, and was then so much amended, that he that could be hardly heard to speak in a wide Chamber, (his Lungs and Voice were so weak when he came first) before he went away, preacht in our large Church, with great applause.

CHAP. VIII.

Diseases of the Passage of Urine.

WE have been the longer upon the Diseases of the Stomach, by reason of the various Distempers that part is subject to; we now proceed (according to our proposed Method) to the Diseases incident to the *Urinary Passages*, and these are chiefly, *Sharpness of Urine, Stone, Gravel, and Bloody Water, and Ulcers in the Kidneys and Bladder, of all these something, and*

and then to conclude with that of old *Gonorrhoeas*, and the Weaknesses they usually leave. But there, I hope you will not expect that I should name the Persons that here received Benefit in that Case; you would not be so serv'd your Selves. If you believe me not in this particular, come and try, (for I believe this may fall into some Hands that need it enough) and before you shall have the same fair Play, in silencing your Names also. I begin with Sharpness of Urine.

OBSERV. I.

Sir Thomas Ogle, Aged 40, having been a long time afflicted with this troublesome, as well as painful Symptome, came hither in July 75, purposely to drink these Waters, having tryed others, as well as other Remedies before. He was so frequently pressed to make Water, and always with Sharpness and Pain, both in and after making it, that he could hardly be long together, quiet in his Bed, and was forced to have Emulsions by him, and sometimes strong Anodynes.

He applying himself to me for Directions, how to use the Waters, and complaining of the quantities of Physick he had formerly been forced to take, I put him
upon

upon the use only of *Dacasia cum Man-
na*, half an Ounce, over Night, or very
early in the Morning; and about Seven of
the Clock, to drink three Pints of the
King's-Bath Water. When he took none
of the Electuary, he drank two Quarts,
and after a while, Five Pints. They gave
him usually two or three Stools, but pass
mostly by Urine, and did not bring off
a great deal of *Gravil* neither, but mani-
festly abated the Acrimony of the Humour,
and consequently lessened the sharpness of
his Urine, so that he could retain his Wa-
ter a longer time, and make larger quan-
tities, and take rest between whiles.

After a Month or five Weeks drinking
thus, these *Waters*, and gently Purging
between whiles, and at Conclusion, he
went off greatly relieved, and continued
so for a considerable time, and lived (for
ought I ever heard) free from this Symp-
tome. He dyed not long since, but of
what, I have not been informed.

OBSERV. II.

Mr. Belke, a young Man, not much
past Thirty, belonging to the Chancery
(had a Seat in the Six-Clarks-Office) ha-
ving been for some time afflicted with
this

this Distemper, (and that to a great Degree) came hither (I think) by Dr. Slare's Direction) in *August*, 1691.

After Preparation, he drank also of the Waters, which quickly agreed with him, and past so well both by Stool and Urine, that there was little need of giving much Physick with them; a *Balsammick Pill*, he took frequently of over night, and drank the *Waters* next Morning. Thus he continued to do a Month or Five Weeks, by which time he got well of his Distemper, and held so all the following Winter, and the next Spring. To confirm therefore this Recovery, in the *Long Vacation*, (the time of Leisure for Men of his Profession) he came down again, and drank the Water as before, which did it effectually, and prevented a Relapse, for he had not the least return of it afterwards. Yet the Summer following, he designed to come a third time, and having appointed the day and all, when to begin his Journey, with a Friend of his, that came down with him the two preceeding Years, he was seized by the Epidemical Fever, (which reigned in *London* in 93) and dyed of it in ten days, or a fortnights time.

OBSERV. III.

In neither of the two former Cases was there observed any considerable quantity of Mucous Matter, or *Gravil*, much less *Stone*, to be brought off by the Waters, and therefore probably, the Cures were wrought by correcting the Acrimony and sharpness of the whole Mass of Blood, and the corroding Matter which Nature had (for some time) accustomed to throw off that way, and withal, by strengthening those Parts. I shall next give some Instances of the usefulness of these Waters, when *Gravil* and *Stones* are already Concreted.

I shall begin with a worthy *Cornish* Knight, a Gentleman of a true *Old English* Temper, Sir *John Cotton*, of *Botrax-Castle*, in *Cornwall*, who having had for many years past, several severe Fits, and in them voided much *Gravil*, and *Stones* of a considerable bigness and craggedness, which always occasion'd Bloody Water, by lacerating the Vessels as they passed, and previous to each Fit, he usually made a dark and turbid Urine, like Blood and Dirt mix'd together. After several attempts for Ease and Cure, he at length came

came to drink these Waters in July 94, and was recommended to my Care by Dr. *Waldron* of *Exeter*, whose Patient he had been some time before. Being prepared by taking a *Purging Nephretick Bolus*, he began with three Pints of the Water, which at length he increased by Degrees, to Five, and after that to three Quarts. Never did Waters agree sooner, pass easier, and better with any one, then they did with him, and continued so to do, and brought off daily great quantities of *Sabulum*, and some small Stones, rough and *Scabrous*, and bigger then *Barly-Corns*, but fryable, and might be broken into small *Gravil* betwixt ones Finger and Thumb, and all this without Pain, the Passages were so much dilated. He continued thus to do, (taking once a Week, or thereabouts, his *Nephretick Bolus*) for a Month, riding out every Day (except in ill Weather, after his Waters, which he thought promoted their passing, and the coming off of the *Gravil*, and without doubt it did. The Waters got and continued him a very good Stomach, he had not in the least any thing like a Fit, all the while he stay'd here, and that was more then a Month. Going hence in his Coach (which perhaps shook his Kidneys more then riding on

on Horse-back) by that time he came to *Exeter* (where he designed to stay a while with some Friends) he began to make a turbid and discoloured Urine, which was accompanied with some sharpness and Blood, upon which followed a violent Fit of the *Stone*, which after much Pain, ended in the bringing off of a larger Stone than ever he had voided before (as he writes word from thence) it was an Inch and half in Circumference in the biggest part, and long like a *Date-stone*.

It is obvious to think that a Stone of that bigness could not have passed those narrow parts as are the *Uritors, Urethra, &c.* had they not been very much dilated, and subricated by the drinking of these Waters so lately before, and probably had he continued here till this Stone had moved out of the *Kidneys*, it might have come off easier then it did. He held so well all the following Winter, that he was encouraged to come again the next Summer, and drank these Waters a Week longer then he did before, scarcely intermitting a Day, and had no Fit here, but still avoided the same Sabulous Matter, when first he drank them; but towards the Conclusion, the quantity of *Gravil* abated.

OBSERV. IV.

Mr.s *Elizabeth Carne*, aged 72, a Gentlewoman of an ancient Family, Sister to *Sir Hugh Speake*, late of *Hazelbury*, in *Wiltshire*, within Five Miles of this City, though she now keeps a Lodging-House near the *King's-Bath* in *Bathe*. This Gentlewoman hath been subject to *Nephritick Pains*, almost Fifty Years, ever since she was Three and Twenty Years of Age, it coming to her (though, poor Gentlewoman, nothing else did,) by Inheritance; her Father and Grand-father, having been afflicted with the same Distemper. She from that Age, had great Fits every now and then, and voided large and rough Stones. In a Fit she used to take *Glysters*, *Nephritick Fuleps*, and several Medicines, both from Physicians and others. But since these Waters have been restored to their former Reputation, in being inwardly taken, as well as outwardly used, for Thirty Years last past, or more, every time she finds the least Pain or Disorder, upon the Region of the *Kidneys* (the small of the Back) she calls for the *King's-Bath Waters*, and drinks Three Pints, or two Quarts in a Morning, be the Season of the

the

the Year, or Weather what it will, and continues them till she hath Ease, and voids *Gravel* or *Stone*, which usually are Grey, (one of the worst Colours.) This seldom or never fails to give her Ease, by bringing off the cause of the Pain, sometimes in a few days Drinking, sometimes longer. Whilst I receive this account from her, she shews me a little Box, wherein were Ten or a Dozen Stones, (some considerably big) all a darkish Grey, which she told me, she voided this last Year, 1695.

There formerly lived a Gentlewoman in this Town, greatly *Nephretick*, that in a Fit of the Stone, would go to the hottest part of the *King's-Bath*; she would sit there three or four Hours, or more, and drink largely of the Waters whilst she was there, and to this she imputed her bringing off the Stone sooner and easier. I did not give the Advice, nor can I think the preceeding justifiable, but this she often did, and thought it to her Advantage. It was the second Wife of Captain *Henry Chapman*, she is yet living, in the 80th. Year of her Age.

OBSER. V.

In the Year 75, my Lord *Digby* (then) and my Lady (now Earl, and Countess of *Bristol*) from *Sherborne* in *Dorset-shire*, came and Lodged at my House, for the use of the *Bath*, and these *Waters*. They brought with them an old Servant of the Family, the Steward of the House, Mr. *Smith*, aged 70, horribly decrepid, not able to use Hand nor Foot as he should, all rendred uselefs by *Gout* and *Stone*, with both which painful Distempers he had been for many Years afflicted. The *Gout* had knotted all his Joynts, both of Toes and Fingers; the one would not suffer him to tread to support his Body, nor the other to comply so as to hold a Crutch. And in the mean time the *Stone* urged him to a perpetual desire to make Water, and that with great sharpness and Pain, and sometimes it would be wholly stopped for some Days together. The worthy good Lady was greatly concerned for him, and when she returned home, committed him to my Care, to assist him with my Advice, as I would do to her Self, were it her Case.

He

He drank the Waters in order to the washing off of Gravel, and easing his Painful Pissing, despairing indeed, of any advantage in reference to his nodous Gout. And fearing to harden those Nedes further, I was not forward to permit him the use of the Bath, which (by reason of the uselessness of his Limbs he was urgent for. In drinking the Waters, he daily discharged vast quantities of Gravel, and with it some small Stones, of the bigness of Coriander Seeds, and much mucous Matter. Having by drinking the Waters a while, got some advantage in respect to his Urine, he would, and did, venture upon Bathing, and finding some lightness to his Limbs by the first, went on with it for a considerable time, till at length the Nedes, both upon Toes, Fingers and Knees, began to look red, and became softer then they were before, the Skin relaxing about them, which (because I did not fully assent to his first going into the Bath) he discloses to his Careful, and diligent Apothecary, Mr. Thomas Gibbs, and afterwards to his Country-Man, Mr. Dyer, a Chyrurgion, (and I think, then Serjant of the Cross-Bath) Some of these Tumours opened of themselves, others were laid open by an Instrument, and by this time

they thought fit to make it known to me. Amongst them they pickt out the concreted Chalk by little and little, and afterwards healed up the parts, and this rendred the Joynts more plyable, so that he could set his Feet to the Ground, bend and put streight his Knees, support his Body, handle Crutches, and at length went with a Staff only, and continued thus for some considerable time. Whilst these things were doing to his Joynts, he continued to drink the *Waters*, and took *Arthritick Pills*, had Cordials to support him in his Faintiness, and used gentle means (when needed) to keep him soluble. This Encouragement brought him again to the *Bath*, a Year or two after, when he improved what he at first got. How long afterwards he lived, or of what he at length dyed of, I have not had information.

OBSERV. VI.

Mr. *Edward Bishel*, Senior, (one of the Aldermen of this City) now aged 70 Years and a half. About *Michaelmas*, in the 67th. Year of his Age, was suddenly seized with a violent Pain on the right Side, troublesome Vomitings, and difficulty of Urine, he made little at a time, and that

that with Pain, so violent, that it put him all over into a Sweat. By *Glysters* and other Remedies, he had some small respites from his Torture, but for Eleven Months together, from the time of his first Seizure, he was scarce free a Week, from more or less Pain, so violent sometimes, that his impatience put him upon wishing for Death.

At the end of the Eleven Months, he made Bloody Water, and his Pains increased, all concluding this to be a large, as well as a sharp and cragged Stone in the Right Kidney, he was perswaded to give off Riding, which till then, he daily did, not only in his Business about his Grounds, but in hopes by it to get some Ease, and help down what caused the Pain, and stoppage of *Urine*, for he made little at a time, sometimes but a few drops. Upon sight of the Bloody *Urine*, he took to the drinking of these Waters, and hath scarcely omitted them since, no Weather or season of the Year hinders him. but Frost or Snow, Cold or Hot, Rain or Shine, he goes on with them, and with like Success, in all Weathers, sometimes with, sometimes without Syrup of *Marsh-mallows*. For they soon eased his Pain, made him piss free and clear. His usual dose is a

Quart every Morning, with a Spoonful or two of the Syrup of *Althea* sometimes.

Thus doing for Nineteen Months together, he had perfect Ease and Health, at the end of which time, upon drinking stale Beer, he had pain again for two or three days, and once more after that upon the same irregularity, but drinking the Waters, taketh it off again quickly. Nor are these returns now so violent as formerly, nor hath he pain where it began, (on the right Kidney) but just at making Water, on the top of his Yard. He had lately a Fit which stopped his Water for some days, but no Blood came before or after, but at the going off, he voided a great deal of whitish Sand, and made a thick Water like new Beer. I have heard him often say, how miserable a Man had I been, had I lived any where but at Bath.

OBSERV. VII.

The following Observation hath something more in it than the former; for besides sharpness, and Difficulty in making Water, a clammy Viscous, and Ropy Sediments, would be in the Urine, when first made, which had a peculiar Fætid, and ill smell, so all have that have Ulcers in the Blad-

Bladder. It was the Minister's Wife of *All Cannings* in the County of *Wilts*, Mrs. *Studely*, Aged 36.

She had been for a long time, afflicted with continual urgings to make Water, and always with Smartings, violent Pains, and pressing down towards the lower parts. Sometimes small streaks of Blood would come with the Water, but always a heavy roapy sediment would be in the Vessel it was made in, especially if it stood any considerable time, it would stick to the bottom of it like Birdlime, and always had a very strong Scent. Of this kind of Matter she always voided more or less, when the Pain was greatest, then would the quantity of this mucous Matter be greater also; in a Nights time, she would usually void an Ounce or more.

She came hither in *August* 90, and craved my Advice; after Preparation, I order'd her the drinking of these Waters with a Balsamick Pill, by which (after a while) she found much Ease, and some abatement of the quantity of that fætid Matter. Upon her earnest Desire, I permitted her to Bath two or three times, and she was not (as I feared she would have been) the worse for it, but (as she was willing to think) better, as to a dull
Pain

Pain in her Hipps, and the pressing upon the *Os Pubis*.

Her Business call'd her home sooner then I would, or she expected, but to supply that, I gave with her a distill'd Milk-Water, with order to take that with her Pills, instead of *Bath-Water*. She sent several times to have those Pills renewed, and acknowledged her Self greatly relieved by what she had dono here.

OBSERV. VIII.

I do not give this following Instance (the last upon this Head) as a Cure done by the Waters; for if the Disease had been Curable, the Patient was not, for though a Person of great parts (as well as Quality) and considerable Learning, yet was he of so peculiar Temper and Humor, as not to be governed, regularly by any Directions.

It was the Old Earl of *Thomand*, (I may venture to call him so now, there having been two Earls of *Thomond*, since him, his Son, and his Grand-Son, and a Lord *Obrion*, that dyed before him, drown'd when the Duke of *York* was in Danger, going into *Scotland*.) His Lord-
ship

ship was decrepid in all his lower *Limbs*, for which chiefly he came to the *Bath*, in *June*, 83. He was recommended to my Care, by my very good Friend, Dr. *Daniel Danvers*, of *Northampton*. That which makes me mention him in this place is, that (without pain, or very frequent Sollicitations to make Water, he still discharged, with all the Urine he rendred, a great quantity of raggy, heavy quittance, (for so I judged it,) which would presently sink to the bottom of the Urinal, yet had no very fated scent with it. For this I would have perswaded his Lordship regularly to have drank these Waters, but he (not being easily to be prevailed with, to do any thing so) Bathed irregularly, drank sometimes, and did nothing to purpose, though he was here more then once.

It was then my Opinion, that his Lordship had an *Ulcer* in the *Kidneys*, but he would not believe it at that time, but I think he was Convinced of it, before he dyed. They that saw him opened, found it to be so, for (as I have been informed) he had not only Stones, of some considerable bigness, in both *Kidneys*, but also vast quantities of this quittance, that with them fill'd up the *Pelvis* of each.

Kidney

Kidney. Yet under all this, his Lordship lived to a considerable Age, to Seventy or more.

OBSERV. IX.

I shall conclude this Eighth (and last) Chapter, with what I promised in the beginning of it, which is an assurance (and I hope you will take my word for it) that not a few have been here Cured, by the regular drinking of these Waters (and (no very chargeable, (nor troublesome) Remedies taken with them) of long continued, inveterate, and virulent *Gonorrhæas*, and of those Weaknesses they usually leave behind them, for the *Bath-Waters* both Cleanse and Heal, and strengthen the parts concerned, and (as in all other Acidities, Acrimony, and sharpness of the Blood and Nervous juice) they correct that Corrosiveness, and dilute that Acrimony, and consequently, alter the temper of that Matter that is there discharged, and by its Balsamick Virtue, heals the parts that may have been excoriated, or eroded by it.

And

And this Remedy (though Calculated for the Meridian of the *Male Kind*,) yet will it indifferently serve for the softer Sex also ; who (though they call it by another Name) are too much lyable to the same Distemper.

I dare not here give you Instances in either kind, though I have them by me ; but a word to the Wise is sufficient.

T H E

Conclusion.

AND now that I have given some few Instances, out of very many that might have been produced, had it not been for fear of making this *Manual* of too great a Bulk ; (yet I hope these are enough to shew how effectual the use of the *Bath*, and the drinking these *Waters*, have been in the several Cases there enumerated) after all this (I say) It seems to me as
need-

needful to add something by way of Conclusion, as it was to prefix a Preface.

I. And in doing this, I shall again assert the Veracity of each Observation, in the main Concerns of each Case; though in some little (and those not considerable) Circumstances, there may possibly be some small Alterations. If there appears to be any mistake in the time of any ones coming hither, or stay here, I hope that will easily be excused, when it is considered, how many (in my time) I have been concerned with.

II. And then Secondly, (though possibly it may not be in every one particularly mentioned) I have with most (if not all) of the Patients, that have been by Letter, recommended to my Care, by other Physicians, written back to them (at their return at least, if not whilst they have been prosecuting their Course, which often I have done) what they did whilst they were here; what did, or did not succeed, according to Expectation, what interruptions there had been, and how each Person went from hence, and what I thought fit farther to be done for them, but so as leaving it to their farther Consideration, and to be added to, or alter'd, as they saw cause, which thing I always thought at due

Civility, to all of our Faculty, and a Satisfaction at least, if not a Service, to the Patient. And to those that came without such Recommendation (especially out of the Country, and where no Physician was near them, or had been before concerned with them) I have sent home with them some familiar Directions, to use such things as they could themselves prepare, or easily procure, but no such Baskets of Physick, as have been brought down hither, (as if none had been to be had here, nor Advice neither,) though in thus doing, I have not perhaps been thanked by the *Apothecaries* that live here.

III. For (in the third place) I can safely say, I have not burthened a Patient with unnecessary Medicines, most that come hither, being already tired with long and tedious courses of Physick, even to the loathing of almost every thing that comes out of an *Apothecary's* Shop. Nor indeed, without this Consideration, that I could the better experiment the Efficacy of the *Waters*, for when Medicines are continually thrown in with Bathing, or drinking the *Waters*, it can hardly be decided to which of the two, the Success is to be ascribed.

Though

Though (where necessity required it) I have not been wanting earnestly to press what due Preparation, and needful Alteration, and support with Cordials, seemed to me to require. If I have erred on either Hand, I must needs acknowledge, that in (perhaps too much) pity to the Patients, it hath been rather, in urging too little, then wearying them with too much.

IV. The fourth thing I would advertise is (which in some of the Cases hath been already intimated, if not expressly that it is not a trick of the Place, (as some have called it) or a bare Consolation to a desponding Person (that hath not found a present Recovery, whilst here upon the place) to keep up his Spirits for the present, till he is got out of Town (as hath been said by others) to tell him at going off, that he will find the Benefit of it afterwards, For several of the Fore-mentioned instances prove the truth of it; and I have a Signal one to add, but that I have forgotten the Gentlewomans Name, and can by no means retrieve it.

OBSERVE.

She (for an universal Weakness from Head to Foot, not able to stir any part,
but

but Heart whole, as they call it, and of sound Mind and Memory) was brought hither in a Litter out of *Hampshire*, (or the *Ist*: of Weight,) and stay'd six Weeks or two Months, without any sensible Alteration to the better, insomuch, that she despaired of ever being recovered, and therefore ordered her return home, resolving to try nothing further, this being her last refuge, and she being sufficiently tyred with Medicines before. As soon as she came home, made her Will, took leave of all her Friends, and not only expected, but wish'd to dye, being a Burthen to her self. At six or seven Weeks end, instead of declining more and more, she found some small beginnings of Sense and Motion, in her extreame parts, which day by day increased, till she was perfectly recovered. As in the case of *Philip Brown*, Book I. Chap. VI. Observ. X. and in the Case of *Sir John Clobery*, Book I. Chap. II. Observ. III. Many more such instances, without doubt, might have been had, if the Spirit of Ingratitude, and Carelessness, had not possessed a great many of this Nation. In our Saviours time, of the Ten Leapers that were cleansed, there returned but one that acknowledged it (and he a *Samaritane* too, if but One in Ten of those

Fews, that have received an after-recovery here, and never acknowledged it, had but given a Line or two (which was all the farthest thanks I ever expected, nay I would have thanked them for it) to let me know the Success, this Conclusion, (for ought I know) might have been as big as the whole Book.

V. A fifth particular that I would have observed is, that those that came timely before their Spirits were spent, or their entrails corrupted or decayed, and their Flesh quite wasted (yea some of those too) have been here much relieved, if not perfectly recovered. Nay some of those, that most People that saw them, have judged they were sent hither purposely to dye here, we have made a shift, (and sometimes a hard one too) to send back again, that their own Bell might ring out for them, and not ours.

VI. Another, and a sixth Duty which I think my self oblig'd to do, is to give some necessary cautions to those that come hither for Cure, and those will concern mainly these two Things; the time of their coming, the choice of their Physician, Lodging and Bath, they are to use.

First,

First, as for the time, that which is freest from either excess of Heat or Cold, is certainly the fittest (generally speaking) for all Persons and Distempers. Since my Remembrance, there was as known, a distinction at *Bath*, betwixt *Spring* and *Fall*, as was in the rest of the Nation, betwixt *Summer* and *Winter*, Company usually coming hither in *April*, or *May*, (some for *Aches* and *Lameness* in *March*) and going off again at the end of *June*, or beginning of *July*, which was called the *Spring*, and they came again about the middle of *August*, and stayed till the end of *September*, and part of *October*, and this was called the *Fall*.

At the return of *K. Charles II.* (when all the World went to *London* to live) this was alter'd by some famous Physicians there, who could not (or would not) spare their Patients, till the hot Weather came on, that they could take no more Physick, and then they sent some to sweat at the *Bath*, and others to cool themselves at *Epsom* and *Tunbridge*, few to the *Bath*, with a good Will, because three days journey from them, more to the *Wells*, because within their kenn.

Second, and for the other particulars, as the *Spaniard* said ; *Ragione di Stato*, Reason of State is a very great Knave, so may every one say, that Interest, and Self-enedneis, is not very honest. Every Lodging stands in the best Air, and nearest the best Bath, by the report of him that keeps it. The best *Physician*, is he that hath given advice for nothing, or at least helped him to Lodgers, and if you ask any *Apothecary*, he is certainly (in his Opinion) to be preferred, that prescribes most Physick. Therefore it would be prudent to be directed to your *Physician* before you come, and not to heed what is said against him, or for another, afterward, at least be advised by some dis-interested Person, that is upon the Place, and be directed by him, in what Air to Lodge, and what Bath to use, and what *Apothecary* to employ. And indeed you will need to be very well advised, by whom you are recommended to a *Physician*, for you may think some Persons are dis-interested when they are not so ; for we have had some here lately, that have not only magnified themselves above others, and talked great things in *Coffee-Houses*, and shew their Drops, (as a *Montebank* doth his Balm upon the Stage) but have also urged their Patients and Acquaintance, to get

get them Customers, not only by magnifying their Parts, but by disparaging the Abilities of others, which things are a disgrace to the Faculty.

They that think to save Charges, in not giving a *Physician* a Fee, but depend upon an *Apothecary* for Advice, as well as for *Physick*, will find in the end, that his Bill for Medicines, will come to more then both would have cost him, under the Directions of on honest Physician.

They that come and use the *Bath*, and drink the *Waters* Hand over Head (as if the common saying) as too many do, to the disrepute of the Means ; without any Preparation or Direction, *Hab Nab*, let them look to themselves, we are not accountable for them, and if they are not recovered, or (as the Case is with many) have injury by it, 'tis not to be imputed to the *Baths* or *Waters*, (no more then a *Mad-man's* cutting his own Throat, is to be imputed to the *Knife*, or the *Cutler* that made it) nor ought it reasonably to be accounted derogatory to their Virtues ; though I have heard them greatly decoyed upon no other Ground then this ; how justly, let the World judge.

VII. In the Seventh place (and what I think, ought to be accounted the chiefest) nothing of this ought to be done, without a serious address both by the Givers, as well as the Receivers of the means to the great *Physician* of *Soul* and *Body*; the tremendous *Diety*, the Fountain and Original of *Life*, and *Lights*, and *Being*, to whom belong the Issues of *Life* and *Death*, of *Sickness* and of *Health*, who killeth and maketh alive, who bringeth down to the *Grave*, and raiseth up again, who hath created *Medicine* and *Physicians*, and he that is *Wise*, will not abhor either, *Ecclesiasticus*, 38th: To assist (in this Duty) the Receiver of the means of *Health*, and *Help*, and of *Recovery*, a devout *Bishop* of this *Diocefs*, hath piously and Charitably, provided a Direction for their Devotions in private, by composing and giving *Gratis*, *Forms of Prayers*, and *Praises* in a little *Book*, of which some *Hundreds* have been distributed (to my Knowledge, because some by my Hand.) And for publick Devotion, the Reverend Rector of this Church (though he be obliged by the Canon, to *Wednesdays*, and *Friday Mornings*, and *Saturdays* in the Afternoon only yet) for the sake of Strangers, he hath constantly daily *Prayers*, *Morning* and

and Evening, and in that Collect, where the Sick and Infirm are prayed for; he inserts a Petition, that these *Waters* may be made Beneficial to all that use them. And truly they that are able, should consider what St. *Paul* demands of the *Corinthians*. (1 *Corinth.* 9. 11th.) *If he sow to you Spiritual things, is it a great thing if he reap something of your Temporals?* For indeed, the Duty of this Rectory is very great, and the certain income of it, very little.

The charitable Exhibitions of Water-Drinkers, only at *Tunbridge*, doth not alone maintaine a *Reading* Minister, but hath erected a Goodly Chappel also. And for the givers of the Means, if it were seriously considered, that we are at best) but Instruments, not Authors of Health, and that all Healing, is from the great Physician, I am sure, that they that truly fear that great and Holy One, will (or ought) not undertake any thing in the Administration of it, without an Ejaculation at least, if not a serious Address to him, by Solemn Prayer. If *Hippocrates* (a Heathen) in his Book *de Decenti ornata*, thinks it a necessary Preparation in a young Physician, setting himself upon Practice, to reverence the Gods, and to give up to them. How much more should a Christian (one that

owns (or should do so) the only One, and true God) I think it his Duty to begin with Applications to him, that can only make his Endeavours successful.

Though I know that our Profession (with a great many) lies under the Scandal of Atheism, and that by some, an indifference in Religion, at least, is accounted no small ingredient, to make up an Eminent Physician; and that I was once told by one, that thought himself above the National Profession of the Christian Religion (for he walked with the *Baptists*, as he himself termed it) when he reprov'd one of his own Perswasion, for making use of one of our Profession, that was not far from a declared *Atheist*, he answered him, that the less he thought of Religion, the more he might think of his Calling. In effect, the less a Christian, the more a Physician.

For all these Discouragements, I am not ashamed to own, that I as constantly did, and do, pray for my Patients, as for my Self, my Wife and Children (when I had them) or as I do now for my dearest Grand-Child (for whom, all that know me, know that I am solicitous enough, if not to a Fault.) And if the *Readers* will not make a mock of it, (which is likely enough

enough to be done in this *Prophane Age* and *Nation*, where every serious thing is by some, turn'd to Ridicule, and most likely to be done, by some of our own *Profession*. But I charge them not to do it, as they will answer it to the Great God that heareth Prayers, and unto whom all Flesh should come by Prayer. To be sure, they that do not pray here, will hardly be thought fit to praise hereafter, when Love and Praises will be the Business of a Happy Eternity; when the High and Holy God, will be continually magnified by Men and Angels, in all his great and Glorious Attributes, especially in those of his *Wisdom*, *Love*, *Mercy* and *Free-Grace*, and Good Will, towards Men through *Jesus*, when Mockers and Scoffers shall be cast out. Whether they Mock or not, I do not scruple to tell them, that I pray'd for my Patients in some such words as these.

P R A Y E R.

BE Merciful to me, O God! in Reference to my Calling and Condition of Life, Remember not against me, the *Worldly Mindedness*,

ness, the By Respects, and Sinister Ends that guided me in the Choice thereof; but thou that hast brought all Things out of Nothing, by the word of thy Power, that dost bring Light out of Darkness, and Good out of Evil; Thou that dost enwrap all the little Designs and Contrivances of the sinful Sons of Men, within thy great Providence, and dost order them to what End seemeth good to Thee; order it by thy Providence, that it may be to thy Praise; Encline me more and more to the Study and Practice thereof, enable me, more and more, to a Knowing, Conscionable, Careful and Successful Discharge of the Duties thereof, suffer me not to undertake any thing therein, but in thy Name, and in thy Fear; Suffer not any that come to me for the means of Ease, or Health, or Help or of Recovery, to trust in me, or in the Means, but to seek first to Thee, and then to the Physician; to acknowledge Sin to be the reason of Sickness,

ness,

ness ; to be truly *Humbled* for it, to give thee *Glory*, in *Confessing* and *For-saking* it, and then apply themselves to the use of the *Means*, waiting upon thee for a *Blessing*, without which, miserable Comforters, Physicians of no value are the best of us. The Lord God pardon the *Crying Sins*, both of the *Gi-ver* and the *Receivers* of the *Means*, and let neither hinder thy *Blessing* from *Descending*, but prosper thou my under-takings, succeed my *Endeavours*, set it upon my *Heart*, to use such *Means*, as thou wilt Bless and make effectual, to the *Eale*, *Health*, *Strength* and perfect *Recovery*, of every one that now is, or henceforth shall be concerned with me, in the use of the *Means* especially. If thou otherwise determine, concerning any one or more of them, to continue their illness to them, or take them away by it, Thy *Will*, not *Theirs* or *Mine* be done ; Satisfie them and me (and all their *Re-lations*) with thy good *Pleasure*, and
their

their Souls with thine Everlasting Mercies. But if thou please to give in any thing of Ease, Health, Strength, or Recovery by my Means, if at any time thou hast so done, or shall so do, let all be acknowledged from thy Gift, and used to thy Glory; let it be an Occasion to, nay an Obligation, upon both the Giver and the Receivers of the Means to Bless thy Name, to live to thy Praise, as well as speak it.

VIII. In the Eighth place, I must again tell you (as I have already done in the Preface) that I can easily foresee that some (and those) perhaps, who themselves have not a great Command. of that Learned Language, especially of the true Old Roman Style, (without which, it is far better to be publick in any other Tongue) will say that this ought to have been written in Lattin. To such I would have it said, that I writ this in English for the same Reasons, that *Hippocrates* writ his Observations in *Greek*, the Language of his Country, that which was most familiar to him, and in which he could best express the

Sen-

Sentiments of his Mind, and wherein he could be best understood by those to whom he designed it a Benefit.

And indeed, Languages were designed to serve things, and not things Languages. And farther, if the Example of that great Pattern, and Patron of useful Learning, the ever famous Mr. Boyle (and many other most ingenious Enquirers into Truth of the (Rational as well as) *Royal Society*, who have published great Discoveries in this little Language, as the *Italian* and *French Vertuosi* have done in their Mother Tongue.) If these Precedents may plead any excuse (that you may see that I have not outlived all my Latine) *Venerabili Exemplo Erravi, si hoc Errare est.* At least, let me obtain this of those Critical Gentlemen, that they would suspend their Censures, till they come to my Age, and then give an Account also how they have spent their time, (as I have done mine) as much better as they will, or can, and as much to the advantage of Posterity; in what Language these, Remembring *Marshall*, & *Carpere vel nota nostra, vel ede tua.*

IX. Now if any one apply to himself, what I have before said, of some of our own Faculty, that hawk for Patients; all that I can say is, that *I* know there are, and have been such, and if they think themselves to be meant by me, I cannot help it, they best know what reason there is for it. *I* can make no other Apology then the Poet did, (to a Gentleman that thought himself reflected upon, in some of his Verses *I make my Poems, as Shoemakers do their Shoes, for those they will best Fit.*

X. Tenthly and Lastly, I know not what farther to say, unless it be to ask Pardon of those that take it amiss, that they (or any of their Relations or Friends) are named in these Recitals. I have industriously omitted them in those Distempers, that carry with them any shew of Scandal; and should *I* not have Named some, no Enquiry could have been made of the Truth of what is asserted, concerning them.

I can safely say, that *I* meant them no injury by it, but intended it an Advantage to those (under the same, or like Distempers,) that they had not Faith enough to spare, to believe what *I* had said,

said in each Case, upon my bare Asseve-
ration. That it may be offensive to none,
and Advantagious to some, is the earnest
desire of

Their Faithful Servant,

*Bath, March 25th.
1697.*

Rob. Pierce.

F I N I S.

BOOKS Printed for H. Hammond, Bookseller at Bath, and at the Devizes.

*G*uidot de Theremis Britannicis, in 4to.
———'s Register of Bath, in 8vo.

Prayers for the use of all Persons that comes to the Baths for Cure, &c. 12s.

Two Discourses on several Texts of Scripture, by F. G. Chaplain to the Right Honourable, the Earl of Scarisdal, 4to.

Four Sermons Preached on special occasions, by William Gough, late Minister of the Gospel in the County of Wilts, in 12s.

There is just now published, a large Mapp of the City of Bath, in four large Sheets, sold in Colours, for 8s. Plain at 6s. by Henry Hammond, who also Sells all other sort of Mapps, all sorts of Novels, and French Books, Plays, Histories, Romances, Japan ink, London Ink, Inkhorns, Wax, Stamp Paper and Parchment, Bonds, Pens where is also Sold, Tinctura Cathartica, or the Essence of Epsom, the Scotch Pill, Daffy's Elixir. &c.



